



Digitized by the Internet Archive  
in 2014

<https://archive.org/details/b19974760M3770>



# The HEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

APRIL 23, 1949

TIME,  
TEMPERATURE  
AND  
MOISTURE . . .

. . . are elements common to everyday procedures. Time, temperature, and moisture are also relatively constant factors in the gastro-intestinal tract. Advantage of this fact is taken in preparing the enteric coating for 'Enseals' brand timed disintegrating tablets.

The disintegration time of each lot of 'Enseals' is adjusted so that microscopic, moisture-absorbent fibres will swell and fracture the enteric coating under conditions simulating those in the gastro-intestinal tract. 'Enseals' disintegrate after four to seven hours in the presence of moisture at body temperature. Thus, intestinal disintegration is assured.

Frequently prescribed drugs available as 'Enseals':—

**Ammonium Chloride**

**Aspirin**

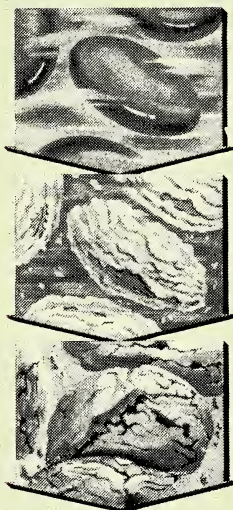
**Diethylstilbæstrol**

**Ferrous Sulphate**

**Gentian Violet**

**Potassium Thiocyanate**

**Sodium Salicylate**



Literature on request.

*Lilly*  
TRADE MARK

LILLY AND COMPANY LIMITED, BASINGSTOKE, HANTS.

# Wright's

**BULK DRUGS ★ DISINFECTANTS  
PACKED PHARMACEUTICALS  
TOILET PREPARATIONS**

CATAPLASM. KAOLIN.	- -	Maximum therapeutic value due to high anhydrous Glycerin content
EXT. CASC. SAGR. LIQ.	- -	From mature bark
EXT. GLYCYRRH. LIQ.	- -	Strictly B.P. manf. } absence of deposit standing
PIL. FERR. CARB.	- - -	Non - cracking, iron content does not deteriorate
SYRUP, EASTONS	- - -	Always freshly made, maximum keeping properties
AQU/E AROMAT. CONC	- -	Full strength, stable, do not require filtering
INF. GENT. CO. CONC.	- -	Full odour of fresh peel—free from deposit
INF. CALUMB. CONC.	- -	Bright, and remains bright on standing
HOUSEHOLD EMBROCATION	- -	Effective, does not spill on application
SYR. HYPOPHOSPH. CO.	- -	Brilliant, free from deposit
SYR. GLYCEROPHOSPH. CO.	- -	Brilliant, stable colour, fine flavour
SYR. FERR. PHOSPH. CO.	- -	Full Salts content, yet stable and brilliant
TINCT. NUC. VOM.	- - -	Non-opalescent, retains clarity
UNGUENTA	- - - -	Milled, smooth, cold filled

*WRIGHT'S guiding principle, consistently maintained for 80 years, is a policy of supplying only the finest pharmaceutical preparations at reasonable prices.*

**THE NAME ALONE  
IS A GUARANTEE**



**WRIGHT LAYMAN & UMNEY LTD**  
SOUTHWARK STREET, LONDON, S.E.1 HOP 4021 (10 lines)

V  
a r i e t yQ  
u a l i t yR  
e l i a b i l i t yA  
v a i l a b i l i t yM  
o n s a n t oG  
e r m i c i d e s**Cresantol 3**

A mixture of benzyl cresols. A pale clear straw-coloured fluid, almost odourless. A first-class base for lightly coloured and delicately perfumed antiseptic fluids. R.W. co-efficient 105 when suitably formulated

**P. C. M. C.**

(Chlorocresol B.P.)

A supplementary germicide particularly useful with Cresantol 3. An efficient fungicide which has extensive use as a preservative for pharmaceutical preparations. R.W. co-efficient 26 when suitably formulated. Small white or transparent crystals

**Cresantol 15**

Mixed chlorinated xylenols. The standard raw material used in manufacture of antiseptic and disinfectant fluids proved over a number of years. R.W. co-efficient 65 when suitably formulated. A clear brown liquid with a characteristic odour

**P. C. M. X.**

(Chloroxylenol B.P.)

R.W. co-efficient 65 when suitably formulated. Small white crystals. Odourless. Supplies are very much restricted for the present

*For further information on the most suitable application of Monsanto Germicides, write to Sales Dept.*



# IMPORTANT TO RETAIL PHARMACISTS



It is, and has always been, the policy of the House of Meggeson to reserve

Meggeson Bismuth Dyspepsia Tablets for sale to the public by Qualified Chemists only. Thanks to the co-operation of Retail Pharmacists in every part of the Kingdom, this therapeutically sound preparation is well on the way to becoming the leading indigestion relief. As public demand for it increases further, so will its importance to Qualified Chemists. It shows a good margin of profit and can be liberally displayed with advantage. SMALL SIZE 1/9, LARGE SIZE 4/6

A PHARMACEUTICAL PRODUCT OF THE HOUSE OF

## MEGGESON

THE NAME BEHIND THE CHEMIST



FOR OVER A CENTURY AND

MEGGESON & CO., LTD., LONDON



# SUNNY DAYS *mean* SALES

*for these two preparations*

## MONACO SUN TAN OIL

— delicately perfumed, containing benzyl salicylate.  
Cost: 10/- per dozen, plus P.T.  
Special price for 6 doz. lots:  
9/9 per doz.

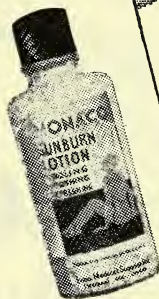
INDUCES A GOLDEN BROWN TAN



## MONACO SUNBURN LOTION

— a colloidal calamine with bentonite. Cost 9/- per dozen, plus P.T. Special price for 6 dozen lots: 8/9 per dozen.

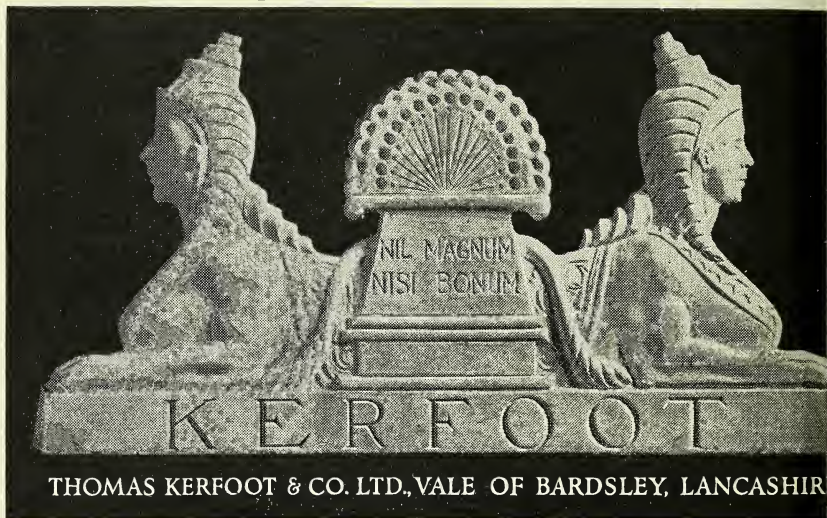
SOOTHES SUNBURNT SKIN



*Made in England by*

**MANNS MEDICAL SUPPLIES LTD**  
Liverpool and London

## For GOOD TABLETS



## *Cadbury's* **BOURN-VITA**

SUPPLIES MAY BE OBTAINED  
THROUGH YOUR WHOLESALE DRUGGIST



# INDEX TO ADVERTISERS

Ltd. ....	28	Carnegie Chemicals (Welwyn), Ltd. ....	17	Evans Medical Supplies, Ltd. ....	3
Fillers & Engineering Ltd. ....	ix	Carton Box & Printing Co., Ltd. ....	x	Frankenberg, L., Ltd. ....	x
tanord, & Sons, Ltd. ....	23	Cartwright, W. B., Ltd. ....	6	Freudentheil, Smith & Co. ....	Leader Page
Pharmaceuticals, Ltd. ....	iv	Central Office of Information (B.I.F.) ....	xviii	Gardner, W., & Sons (Glos.), Ltd. ....	x
laboratories, Ltd. ....	xxiii	Ciba Laboratories, Ltd. ....	42	General Electric Co., Ltd. ....	xxvii
td. ....	xxiv	Citrus Products Co., Ltd. ....	36, 37	Gillette Industries, Ltd. ....	30, 31
R., & Son, Ltd. ....	32	Clinical Products, Ltd. ....	xxxii	Goodman, J. (Chemicals), Ltd. ....	iii
& Sons, Ltd. ....	25	Container Recovery Service ....	xxxix	Gordon-Moore & Co. ....	xxv
M. H. ....	Col. Supp.	Continental Laboratories, Ltd. ....	xxxv	Hall, Forster & Co., Ltd. ....	xxxviii
Products, Ltd. ....	22	Cooper, McDougall & Robertson ....	18	Hampshire, F. W., & Co., Ltd. ....	12
Sons, Ltd. ....	xvi	County Perfumery Co., Ltd. ....	13	Harley, T., Ltd. ....	xi
& Fish ....	Col. Supp.	Cox, Arthur H., & Co., Ltd. ....	8	Harwoods Laboratories, Ltd. ....	xlii
H ....	40	Cox, J., & Co. ....	xxxiv	Herts Pharmaceuticals, Ltd. ....	14
Dental Sticks, Ltd. ....	xxii	Craig & Parsons, Ltd. ....	ii	Hudnut, Richard, Ltd. ....	16
Drug Houses, Ltd. ....	9	Cresswell Bros. & Marks, Ltd. ....	Leader Page	Huffer & Smith, Ltd. ....	ii
Oyewood Co., Ltd. ....	ii	Croda, Ltd. ....	34	Imperial Chemical (Pharmaceuticals), Ltd. ....	Cover iii
Felsol Co., Ltd. ....	iv	Cuticura Preparations ....	29	Institute of Optical Science ....	Col. Supp.
Manufacturing Co., ....	xiv	D. Bee Food Products, Ltd. ....	xxxviii	International Chemical Co., Ltd. ....	xxxliii
& Schimmer ....	ii	Daniel, Richard, & Son, Ltd. ....	13	Jarvis, Charles & Co. ....	xii
Appliance Co., Ltd. ....	33	Dettol Ointment ....	xx	Jason & Stuart Products, Ltd. ....	vii
Infng. Co., Ltd. ....	xxxix	Dolcin ....	32		
James, Ltd. ....	Leader Page	Eades Anodyne, Ltd. ....	40		
ns Wellcome & Co. ....	19, 41	Edme, Ltd. ....	xxxvi		
each & Gent, Ltd. ....	iv	Edwards Harlene, Ltd. ....	xxxviii		
Bros., Ltd. ....	4	Evan Williams Co., Ltd. ....	xxxvii		
		Evans, Adlard & Co., Ltd. ....	iv		

(continued overleaf)

Another fine Summer

BOACHING holidays will mean increasing demands for ESōBAN Cream of Calamine. Be sure to see that your stocks equate. With the SPECIAL BONUS OFFER this will even bigger profits.

N, soothing to the most delicate skin is indicated for acne, erythema, herpes, sunburn and many irritant skin conditions.

**ESōBAN**  
**ream OF CALAMINE**

**SPECIAL BONUS OFFER**  
**Summer Season, 1949**

14 to the dozen ... 6 dozen and over  
13 to the dozen ... 3 dozen and over  
For a two weeks' window and counter display

**PATA**



4 oz. bottles 2/9 inc. tax  
33 1/3% Discount

Through all C.F. wholesalers.

ON LABORATORIES LIMITED, 88 UPPER RICHMOND ROAD, LONDON, S.W.15

## INDEX (cont.)

Jeffreys, Miller & Co., Ltd.	34	Niblett, C. P.	xl	Smith's English Clocks	
Jones & Bailey, Ltd.	26	Nufix Hair Cream	xxxvi	Songo	L
Kay Bros., Ltd.	32	Optical Products, Ltd.	xix	Southon Laboratories, Ltd.	L
Kearsley, C. & G., Ltd.	xxxviii	Orridge & Co.	Col. Supp.	Spa Brushes, Ltd.	L
Kellys, J., (London), Ltd.	vi	Ortho Pharmaceuticals, Ltd.	xxiv	Standard Synthetics, Ltd.	L
Kerfoot, Thomas & Co., Ltd.	4	Pal Chemicals, Ltd.	xiv	Stemco, Ltd.	
Knox, John (Stoke-on-Trent), Ltd.	xxxviii	Paragon (Brushes), Ltd.	xxxvii	Stretch, Wilfred, & Co.	L
Lantigen, Ltd.	38	Pentecon, Ltd.	viii	Sturge, John & E., Ltd.	L
Lastonet Products, Ltd.	xii	Perihel, Ltd.	x	Sumner, R., & Co., Ltd.	L
Latex Surgical Products, Ltd.	xxii	Pharmaceutical Specialities (May & Baker), Ltd.	24	Tampax, Ltd.	
Lilly, Eli, & Co., Ltd.		Picker, Myram, Ltd.	20, 21	Thackray, C. F., Ltd.	
Loveluck Edwards & Co.	xl	Porosan, Ltd.	xv	Tintex Dyes	
		Potter & Clarke, Ltd.	39	Toulson, M. P., Ltd.	
		Premier Photography Supply Co.	x	Twinkle Headache Powder	L
Macleans, Ltd.	11			United Chemists Association, Ltd.	
Manchester Oil Refinery, Ltd.	vi	Rankin Bros., & Sons	Leader Page	Vitamins, Ltd.	
Marks, Leslie & Co., Ltd.	xvi	Rayner & Co., Ltd.	10	Waide, Thos., & Sons	
Mathews & Wilson, Ltd.	xxxix	Resuffin, Ltd.	Leader Page	Watford Chemical Co.	
Mathews, S., & Co., Ltd.	14	Roche Products, Ltd.	27	Westbrook Lanoline Co.	
Medico - Biological Laboratories, Ltd.	xli	S.P. Charges Co.	34	Westminster Laboratories	
Meggeson & Co., Ltd.	2	Seram Products, Ltd.	xvii	Windschuegl, Chas. H.	
Menley & James, Ltd.	35	Selka, Ltd.	x	Wright, Layman & Co., Ltd.	
Metropolitan Drug Co., Ltd.		Sellotape	xxx		
The	xl	Seman, O. M., & Co.	xvi	Zeal, G. H., Ltd.	
Miles, Eustace, Food Co., Ltd.	10	Shupak, W., & Co., Ltd.	xxx	Zems, Ltd.	
Mitchell Cotts & Co., Ltd.	xxviii	Sidnick, M., & Co., Ltd.	xxii		
Monsanto Chemicals, Ltd.	1	Smith, T., & H., Ltd.	xiii		
"Nervone"	10				



On the **PATA** Protected List

Retail Prices: Moorlands 1/8 & 10d. (inc. Tax) Penetrol Inhalant 2/3 & 3/6 Penetrol Inhalers 1/8 (Urillac Tablets 8½d., 1/5, 3/4.

**W. B. CARTWRIGHT LTD • RAWDON • LEEDS**

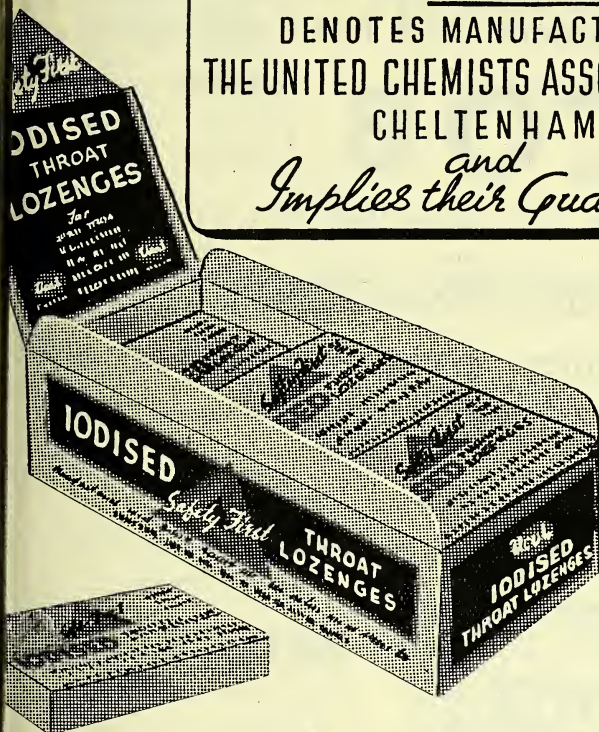
A NAME WITH  
*your* NAME  
BE PROUDLY L

Moorlands is one of the good old 'names' on which people have learned. This great public following has been built up years by a sound efficacious product helped by advertising and public recommendation. Keep in the forefront of your window and be sure custom for this reputable line.

*The Brand Name*  
**Ucal**

DENOTES MANUFACTURE BY  
THE UNITED CHEMISTS ASSOCIATION LTD  
CHELTENHAM

*and*  
*Implies their Guarantee*



**IODISED THROAT  
LOZENGES**

10½d. per box,

5/- per dozen plus tax.

Tins 1/6,

9/- per dozen plus tax.

**THIS IS A GUARANTEED PRODUCT**  
SOLD *only* THROUGH **Ucal** CHEMISTS

COB · COB · COB · COB · COB · COB · COB

- *Helps YOU to attract new customers and hold old ones !*

• **COB** (CHEMIST'S  
OWN  
BRAND)

A SCHEME OF PACKAGING DEvised BY COX.

WRITE FOR DETAILS:—

**ARTHUR H. COX & CO. LTD. EST 1839. BRIGHTON**

- *Provides greater Sales appeal and greater protection !*

COB · COB · COB · COB · COB · COB · COB

*A Pharmaceutical Achievement***MAGSILATE**ASPIRIN THERAPY  
BROUGHT TO PERFECTION**CAN BE CHEWED  
LIKE A SWEET***No water required*

- Quicker absorption — more effective
- No gastric disturbance.
- Fully protected against deterioration

MAGSILATE is a CF product, and will be sold by chemists only. Introduced on highly profitable lines, you will receive, with your order — forceful sales and informative literature, and free samples for distribution to your customers.



A product of  
**WESTMINSTER LABORATORIES LTD.**  
Chalcot Road, London, N.W.1.

Supplied in two sizes:— 4d. & 1/10d.  
(inc. P. Tax) and Dispensing Packs of  
125, 500 and 1,000 Tablets.



## REDUCED PRICES

Salinax will win many new friends at its reduced prices. It is widely known as a pleasant mild aperient and a refreshing effervescent summer drink. Salinax contains no sugar and may therefore be taken with safety by diabetics.

13/6 doz. Retail 2/- incl. tax

23/6 doz. Retail 3/6 incl. tax

### BONUS

5% on 3 doz. 7½% on 6 doz.



# Salinax

## EFFERVESCENT SALINE

THE BRITISH DRUG HOUSES LTD. LONDON N.I

*Are You Stocking?*

# NERVONE

**SALES STEADILY INCREASING!**

INCREASED advertising is now in force and more and more of your customers will ask you for "Nervone"—the new biochemic remedy for nervous disorders.

You should make sure of your share of this profitable business by stocking and displaying. Show material gladly sent free on request.

**P.A.T.A.**

Retail	(including Tax)	Wholesale
3/3, 5/6, 22/-		28/5, 48/-, 192/-
per packet		per doz.

**"NERVONE"**

Cecil House, Holborn Viaduct, London

## EMPROTE

IN RESPONSE to Wholesale Retail enquiries we regret continued shortage of "Emprote" due to the present restrictions and are doing our best to maintain distribution as fairly as possible.

**EUSTACE MILES FOOD CO. LTD.**

Albion Food Mills,  
Kingsbury Road, Kingsbury,  
LONDON, N.W.9

**MAPLETON'S NUT FOOD CO. LTD.**

Garston,  
LIVERPOOL, 19

Trade Distributors.

*As an Antacid  
or in febrile conditions*

*Invalid*

# Lembar

*justifies the doctor's highest recommendation*

*Available in limited quantities*

Soluble extract of

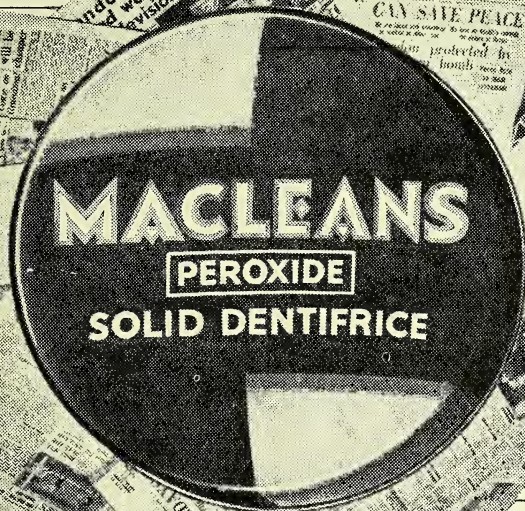
Barley ...	7.4%
Sugar ...	23.7%
Glucose ...	10.4%
Lemon Juice	37.0%

Plus Flavouring  
and permitted  
preservative

The above  
percentages are expressed  
in weight per given volume

**MADE BY RAYNER AND COMPANY LIMITED, LONDON,**

*Good* **SOLID** *advertising*



**IMPORTANT  
NOTICE**

Every one of the "Did you Maclean your teeth today?" advertisements, appearing in newspapers and magazines all over the country, now features Macleans Peroxide Solid Dentifrice as well as Macleans Peroxide Tooth Paste. This means that the Solid favourite will be advertised in one of the largest publicity campaigns appearing in the press. It will stimulate an even greater demand for this very popular line. Keep adequate stocks of Macleans Peroxide Solid Dentifrice.

**MACLEANS PEROXIDE SOLID DENTIFRICE**

MACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDD.

Phone: Ealing 6616.

Wires: Macleans, Brentford

# THE *Snowfire Bride* AND You



*This is a photographic reproduction of a portrait painted by LESLIE FOOT. It is one of a series by famous artists, now appearing in magazine colour advertisements for Snowfire Beauty Preparations. Lovely brides are also featured in Snowfire advertising in all the leading national and provincial newspapers.*

As you know, women are buying much more carefully now. In cosmetics, they are looking for excellence at a reasonable price. The Snowfire bride paintings call attention to the

careful styling and fine quality of Snowfire preparations, making Snowfire sales today especially easy and quick. You will find very profitable to stock well and display ..

## SNOWFIRE *Beauty Preparations*

F. W. HAMPSHIRE & CO. LTD., DERBY



PROPRIETARIES  
SUNDRIES DRUGS  
TABLETS & PILLS

FOR  
CHEMISTS

*Manufacturing  
Chemists*

Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

*Pharmaceutical and Perfumery Labels*  
by  
**THOMAS WAIDE & SONS LTD**  
KIRKSTALL HILL LEEDS

CUSSONS  
IMPERIAL  
LEATHER



The unique qualities of 'SLEEK' plastic adhesive strapping give it an immediate appeal to your customers. By displaying it and introducing it, you will be earning their permanent goodwill.

Use the attractive showcards which are available; they will help you sell 'SLEEK' even more quickly. We have also produced a 'SLEEK' Sales Manual which will give you and your staff all the information you want about the product. 'SLEEK' will give you a quick turnover. Plentiful supplies are available.

1" x 5 yard spools... Retail 2/- each

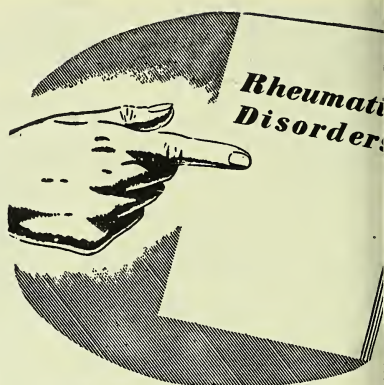
2" x 5 yard spools... Retail 3/6 each

# 'Sleek'

TRADE MARK

## PLASTIC ADHESIVE STRAPPING

Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Herts.  
Telephone: Wel. Garden 3333 S15



## NEW BOOKLET

### FOR RHEUMATIC SUFFERERS

This is an authoritative treatise on Rheumatic complaints written in language that the layman can easily understand. Copies are now included in both the 5/6d. and 26/5 Curicones Cartons, and supplies are available to chemists FREE on request.

Mention is being made of this booklet in National Advertising and readers are asked to ask their chemist for a copy. Make sure you have a supply of these booklets on hand.

If you require one of these Curicones booklets at short notice to comply with a request from a customer, please take one from a CURICONES CARTON.



### Weather-Indicating Novelty Showcard

Size 8 x 12 (approx.) Printed in bright, attractive colors. An excellent novelty surprisingly accurate. simply send us your name and address to obtain one.

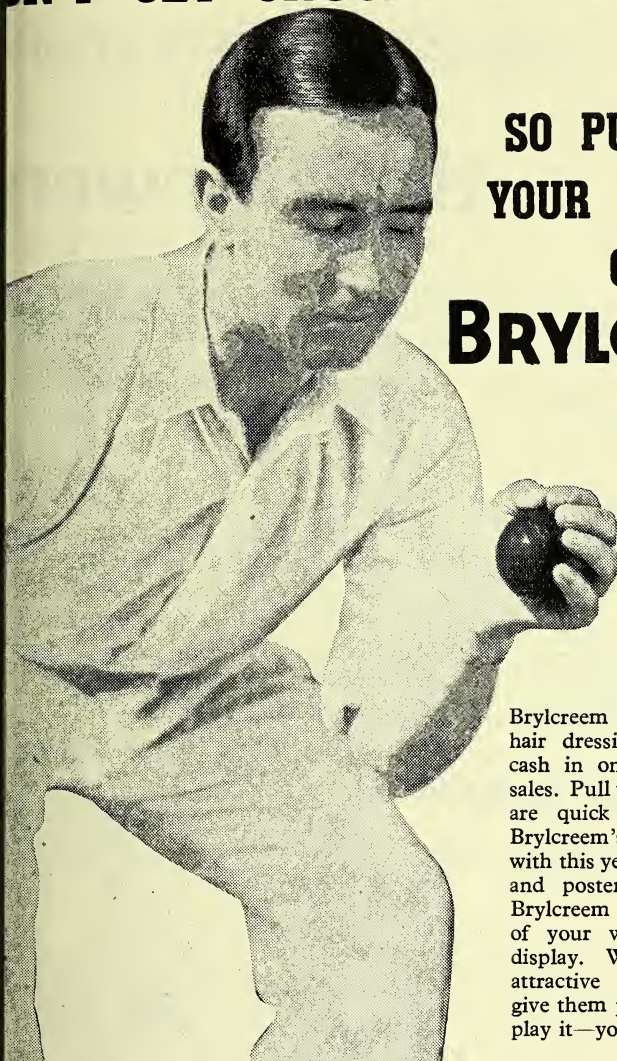


# CURICONES

Stephen Matthews & Co. Ltd., 19/21 Farringdon Street

# DON'T GET CAUGHT OUT!

## SO PULL UP YOUR STOCKS OF BRYLCREEM



Brylcreem is the biggest-selling hair dressing. Make sure *you* cash in on Brylcreem's record sales. Pull up your stocks. There are quick profits for you in Brylcreem's quick sales. Link up with this year's even bigger press and poster advertising. Make Brylcreem a permanent feature of your window and counter display. Write to us for the attractive showcards that will give them punch. Stock it, display it—you'll sell it!

# BRYLCREEM

THE PERFECT  
HAIR DRESSING



## NON-STOP ADVERTISING FOR **three flowers** COSMETICS

The attractiveness of the 1949 Three Flowers advertising—some of it in full colour—is receiving commendation throughout the Trade. Your customers see it in:

*Daily Express*

*Daily Mirror*

*Sunday Pictorial*

*Home Chat*

*Home Notes*

*Woman*

*Woman's Own*

*Woman's Illustrated*

*Woman's Weekly*

*Woman's Pictorial*

*Everywoman*

*Good Housekeeping*

*Good Taste*

*Modern Woman*

*My Home*

*Weldon's Ladies Journal*

*Wife and Home*

*Woman and Beauty*

*Woman and Home*

*Woman's Journal*

*Woman's Magazine*

*Housewife*

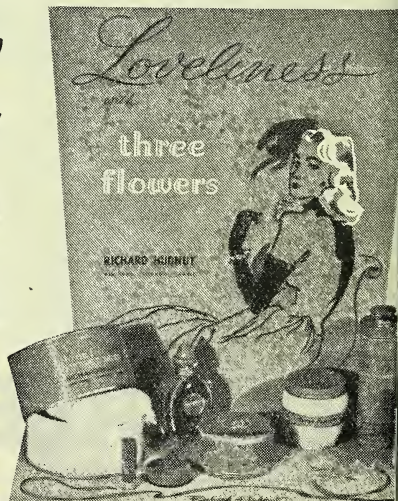
*Homes and Gardens*

*—and a new  
Sales Aid, too*

We will gladly send you this striking Display—on request. Group the popular *three flowers* series on the base, as shown—and watch the products sell themselves! Designed in colour to display to full advantage the well known flame-red packs, this attractive Stand measures 15½" x 16".

**RICHARD HUDNUT**

NEW YORK · LONDON · PARIS



# CARNEGIES OF WELWYN

*specialize in the manufacture and distribution of*

**CL FINE CHEMICALS**



Visit our Stand

**No. B. 56**

at

**OLYMPIA**

**BRITISH INDUSTRIES FAIR**

**London. May 2—13**

*A cordial welcome  
awaits you*

**CARNEGIE CHEMICALS (WELWYN) LTD**

**CARNEGIE QUININE WORKS LTD**

WELWYN GARDEN CITY : HERTFORDSHIRE : ENGLAND

GRAMS: CARNECHEM, WELWYN GARDEN TELEPHONE: WELWYN GARDEN 506 (4 lines)

'CARNEGIES OF WELWYN' HAVE NO OTHER ADDRESS

**FOR INSTANT  
KNOCK  
DOWN**

**CERTAIN  
KILL**

**LASTING  
ACTION**

# COOPERS

Last year was a poor one for flies, but nevertheless a good one for Cooper's Flyspray. Many of our stockists tell us that they sold more than ever before — because people got in the habit of asking for Cooper's Flyspray *by name*. You can always rely on a steady demand for Cooper Products, for they make up a range that sells all through the year. Order your supplies now, or write for current Trade List if you have not received one.

**THE FLYSPRAY THEY  
ASK FOR AGAIN**

## **OTHER COOPER**

### **HOUSEHOLD PRODUCTS:**

MOTH SPRAY, MOTHS POWDER,  
INSECT POWDER, PYNOL DISINFECTANT

**COOPER MCDUGALL & ROBERTSON LIMITED**  
BERKHAMSTED HERTS



stands out

RELIEF



"Eye-appeal with buy-appeal" is the keynote of 'Empirin' Compound display material. The distinctive showcard and display outer (for the 25 pack), on your counter or in your window, will focus attention on this safe, quick acting analgesic. 'Empirin' Compound is available in cartons of 25 (strip packing) and in bottles of 100. The attractive bonus offer consisting of 14 to the dozen on six dozen assorted lots or thirteen to the dozen on three dozen lots is still open to you. Doctors, dentists and nurses are being detailed on the advantages of 'Empirin' Compound.

A B L O I D'

BRAND

**EMPIRIN'**  
**COMPOUND**

TRADE  
MARK

**BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON**

FOLLOWING THE HUGE SUCCESS

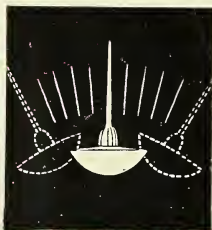


in the same shade

Yet another big sensational success for Gala ! This time it's NAIL COLOUR. A non-chip beauty for the nails in the same shades as the Gala lip colours (Gala lip colours, as you know, are available as Lipstick or as Lip Line). This means women can now have lips and finger-tips identically both in their favourite Gala shades, keyed exactly to each other and, being Gala, keyed to fashion ! So now one Gala sale for you and another ; first lip colour, then matching, tempting, fascinating . . . NAIL COLOUR.

### GALA NOW SAYS TO WOMEN

**Key your nail colour to your lip colour**



#### NEW NON-SPILL BOTTLE :

Women will rave about this neat, eye-catching idea — Nail Colour is in this unique semi-spherical bottle, absolutely non-spill.

#### NEW EASY-CONTROL STEM :

A graceful stem fits into the cap to give greater control in use. It is balanced in the hand like a pen or pencil.



Address all inquiries or orders to :

**Distributors: MYRAM PICKER LTD**

Lip Line **GALA OF LONDON** NOW PRESENTS

**Colour**

**Gala Lipstick and Gala Lip Line**

The nation-wide smash-hit will be on your counter if you come in on the vast national publicity campaign that will be as big as Lip Line

Nail Colour will hit the hoardings with as much news-Gala Lip Line. In every way, every day, your customers will get the tremendous impact of a publicity barrage. Advertisements and editorial in the leading women's magazines and in the newspapers—giant posters in main provincial towns and in London—posters at all the principal railway stations and cards on London's Underground and every hour of every day women all over Britain are itching to get hold of this newest, cutest thing. **YOU MUST BE READY.** Full stocks only can meet the sure demand for this fashion-keyed Gala Colour in shades matching all the Gala Lip Colours. So when you carry the entire range of Nail Colours at the same time with Lip Line as well as the Gala Lipsticks in all shades. Remember—**ALL** the names in Lipstick, Lip Line, Nail Colour are identical.

**Everyone talked about Lip Line  
everyone will talk about  
Nail Colour**

PRICES	TRADE (without Pur. Tax)	RETAIL (with Tax)
<b>NAIL COLOUR</b> <i>in the same shades as Gala Lipstick plus a few neutral shades</i>	24/- per doz.	5/- each
<b>PROTECTOR</b> <i>Special undercoat to make the colour longer lasting</i>	24/- per doz.	5/- each
<b>REMOVER</b> <i>Large size bottle</i>	16/6 per doz.	3/5 each

**GALA OF LONDON**

Burlington Arcade, Piccadilly, London, W.1

FOR FORMS & DETAILS OF DRAMATIC, FULL COLOUR NAIL COLOUR DISPLAY MATERIAL

**BOOK RISE, SURBITON, SURREY**



An  
indispensable  
collection  
of  
VITAMINS

## 'BETAXAN' COMPOUND

ADMINISTRATION OF 'Betaxan' Compound, a combination of the water-soluble vitamins B<sup>1</sup>, B<sup>2</sup>, C and nicotinamide, is indicated particularly in those conditions which throw an added strain on the individual—pregnancy, lactation and fever, and especially in convalescence.

During the winter months 'Betaxan' Compound pellets taken regularly will supplement the diminished supply of vitamins, and guard against the minor ailments associated with vitamin deficiency.



Pellets in boxes of 20 and bottles of 100, 250, 1000

Trade Mark (G)

**B A Y E R P R O D U C T S L I M I T**  
AFRICA HOUSE, KINGSWAY, W.C.2. (HOL. 8)



**Staff Allens**

Founded 1873

**SPICE  
OLEO-RESINS**

**GINGER**

**CAPSICUM**

**PEPPER**

The concentrated flavour and pungency of  
the natural spices.



*Send us your enquiries  
and orders.*

**FORD ALLEN & SONS LTD., Wharf Rd., London, N.1. CLErkenwell 1000**

TAS/AL.29

a *NEW* antihistaminic  
with  
**increased activity**  
**more sustained action**

trade mark

**'PHENERGAN'**

brand

**promethazine hydrochloride**

'Phenergan' is now being recommended to doctors for the treatment of all conditions known to respond, or which might be expected to respond, to antihistaminic therapy, but in which treatment with existing drugs has either proved unsuccessful or has been found impracticable owing to the need for high dosage and frequent administration.

In addition to considerably increased antihistaminic activity and a more prolonged action, 'Phenergan' exhibits hypnotic and analgesic properties which have been found of value in certain conditions characterized by intense irritation or severe pain.

**Supplies :**

**Containers of 25 x 0.025 Gm. sugar-coated tablets**  
at 6s. 0d.

„ **500 x 0.025 Gm. sugar-coated tablets**  
at 105s. 0d.



manufactured by

**MAY & BAKER LTD**

distributors

**PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM**

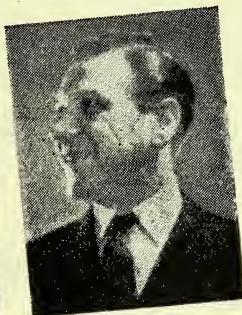
S I N C E 1 7 7 0



# Barclays

BARCLAY & SONS LTD

Mr. Lindsay Barclay, chairman of the board of directors, announces the appointment of Mr. Vernon S. Porter and Mr. William Herman as **JOINT MANAGING DIRECTORS**



*Photos by Polyfoto*

BARCLAY HOUSE, FARRINGTON STREET, LONDON, E.C.4  
Telephone Central 4060

ALSO AT DEVONSHIRE PLACE, BRIGHTON, SUSSEX

**SUNDRIES • PROPRIETARIES • ETHICAL PRODUCTS**

*You're always sure of a good deal at Barclays*

SYRINGA  
(*Philadelphus grandiflorus*)



*Perfect in Detail  
Sweet in Action*

*Milward's*  
REGD. TRADE MARK **VIM**  
HYPODERMIC  
SYRINGES

SPECIAL FEATURES—Great accuracy due to the mating of each plunger to its barrel, etched graduations and individual calibration. The Syringe is the ideal complement to VIM STAINLESS STEEL NEEDLES, razor sharp, rustless, economical and beautifully finished.

*May we send illustrated price list—also catalogue of Milward's Iron Arm Surgeons' Needles?*

*Chas. J. Haekray*  
LTD  
Sole British and Empire Distributors (except Canada)

Head Office: THE OLD MEDICAL SCHOOL, PARK ST., LEEDS 1. Also at 38 WELBECK ST., LONDON W.1

## PREVENTATIVE PROCESSING

Let us immunise you against all complaints of delay.

**The Treatment is:-**

**R D & P x J & B**

**G R A F T O N F I L M S**

will maintain or improve your quality.

Anti-halation backed ; 28° Scheine

'20' Sizes £9 18.

'127' Size £8 8 per gross PLUS TAX.

**JONES & BAILEY LTD**

66/72 BREWERY ROAD, LONDON N.7

Telephone : NORTH 2533.

Telegrams : Certito, Holway, London

# Advances in Vitamin C Therapy

An interesting development in materia medica is the presentation of formulas in which are combined old and familiar drugs with the vitamins, particularly vitamin C. Examples are iron, calcium and quinine.



## FERRO-REDOXON'

A combination of ferrous iron and vitamin C. For the treatment of iron-deficiency anaemias such as occur in childhood, puberty and pregnancy, or post-operatively, etc. In sugar-coated granules in packings of 100 and 500.



## CALCIUM-D-REDOXON'

A palatable preparation of calcium and phosphorus with vitamins D and C. Indicated in rickets, osteomalacia, osteoporosis, dental caries, etc., and during childhood and pregnancy. Issued in tins of 100 tablets.



## KINA-REDOXON'

For the prophylaxis and treatment of the common cold and other upper-respiratory infections. A stable preparation of quinine with vitamin C. Sugar-coated tablets in packings of 50 and 500.

**ROCHE PRODUCTS LIMITED · WELWYN GARDEN CITY · HERTS**

*Scottish Depot: 665, Great Western Road, Glasgow, W.2.*



## PREGNAVITE

*a single★ supplement  
for safer pregnancy*

★ The recommended daily dose provides vitamin A 2,000 i.u., vitamin D 300 i.u., vitamin B<sub>1</sub> 0.6 mg., vitamin C 20 mg., vitamin E 1 mg., nicotinamide 25 mg., calc. phosph. 480 mg., ferr. sulph. exsic. 204 mg., iodine, manganese, copper, not less than 10 p.p.m. each.

Bottles of 120 tablets (20 days' supply) 6/- . Per dozen bottles 49/-



*Vitamins Limited*

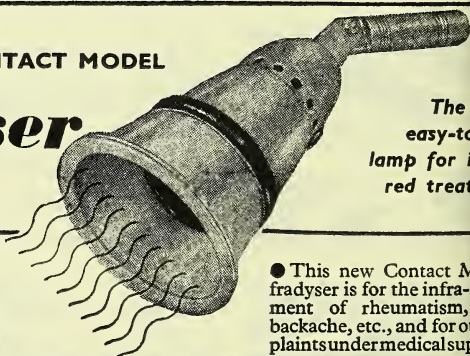
Upper Mall, London, W.6.



INTRODUCING THE CONTACT MODEL

## Infradyser

The same  
easy-to-use  
lamp for infra-  
red treatment



● This new Contact Model infradyser is for the infra-red treatment of rheumatism, sciatica, backache, etc., and for other complaints under medical supervision.

This lamp is safe and economical. Consumption is 25 watts and it can be plugged straight into any convenient power point. The heat never exceeds a comfortable maximum and is uniform, and there is no risk of burning. The hyperthermia induced may last up to 4/5 hours.

This is a new and interesting line for chemists, reasonably priced at £2.18.9d. (inc. 11/9d. Purchase Literature and display material available. State voltage ordering.

## AEROSOLS LTD

65, OLD BROMPTON ROAD, LONDON,  
Telephone: KENSington 7495



# Firm Favourites!

*with every member of the family . . . .*

## CUTICURA PREPARATIONS

(MEDICINAL AND TOILET)

SOAP . OINTMENT

TALCUM POWDER . SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

---

*The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range :*

HAND CREAM . BABY OIL

SHAVING CREAM . LIQUID ANTISEPTIC

AFTER-SHAVE LOTION

---

*British Distributors:* NEWBERRY & PHILLIPS LTD.

203, Victoria House, Southampton Row, London, W.C.1

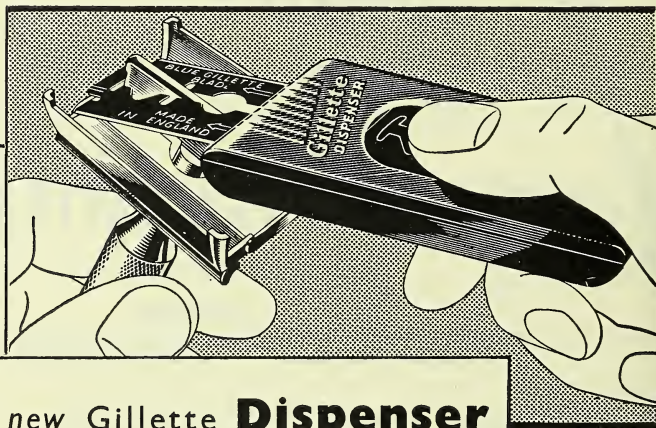
TELEPHONE : HOLBORN 1564

---

*for*  
THE POTTER DRUG & CHEMICAL CORPORATION

205-207, Victoria House, London, W.C.1

# Gillette offer



## the new Gillette **Dispenser**

THE DISPENSER is the newest shaving invention — a plastic case holding unwrapped yet perfectly protected blades. With a thrust of the thumb a blade is delivered ready for shaving, the blade hooks on the notched bar of the razor and drops neatly into place. The Gillette Dispenser is supplied at no extra cost. It cannot be refilled.

The Dispenser sold separately contains 20 Blue Gillette Blades, and retails at **5/4d.** inc. P. Tax.

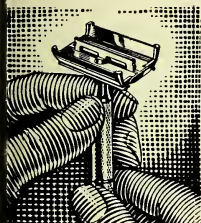
Trade enquiries to your usual wholesaler.

Gillette Industries Ltd., Great West Road, Isleworth, Middlesex.

# greatest-ever shaving value!

popular-priced

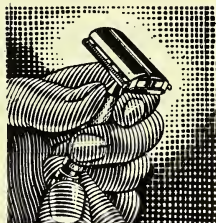
Gillette one-piece razor sets  
complete with **Dispenser**



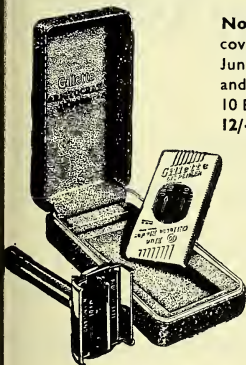
Twist — IT'S OPEN!



BLADE HOOKS ON TO NOTCHED BAR  
AND DROPS NEATLY INTO PLACE



Twist — IT'S CLOSED!



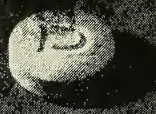
**No. 53** Consists of a neat leatherette-covered case containing an Aristocrat Junior silver-finished One-piece Razor and a Gillette Dispenser holding 10 Blue Gillette Blades. Retail price 12/- inc. P. Tax.

**No. 51** In an attractive carton, this set comprises a nickel-plated Gillette Aristocrat Junior One-piece Razor and a Gillette Dispenser holding 10 Blue Gillette Blades. Retail price 7/6d. inc. P. Tax.



An attractive display carton is available containing six No. 51 sets. It can be set up for counter or window display.

# What is in Dolcin



# What is the dosage

Dolcin was evolved in the U.S.A. after years of exhaustive research. The report by M. M. Szucs, M.D. (published in the Ohio State Medical Journal) on the results obtained from the administration of Dolcin in cases of Arthritis and Rheumatic disorders has led to world-wide prescription and a sale running into millions of bottles.

Comprehensive clinical tests have proved that in Dolcin's scientifically balanced combination of calcium succinate (2.8 grains) and acetylsalicylic acid (3.7 grains), the calcium succinate has a two-fold value. Firstly, it has a stimulating effect upon the cellular respiration, and secondly, it obviates the toxicity of acetylsalicylic acid. Salicylates have long been considered as having very considerable value in the treatment of Rheumatic disorders, both as a vasodilator and analgesic, but their toxicity formally precluded their use in sufficiently massive dosage.

To the majority of Arthritis and Rheumatic sufferers Dolcin gives rapid and prolonged relief from pain on an initial dosage of 3 tablets 4 times daily. After the acute symptoms have subsided

the dose is usually reduced to 2 tablets 4 times daily, and this smaller dosage is maintained for 3 to 4 months to minimize recurrence. Experiments and clinical tests have so clearly demonstrated the non-toxicity of Dolcin that some doctors are successfully prescribing 24 or 32 tablets per day in cases of Rheumatic Arthritis. For children 10-15 years of age exhibiting rheumatic symptoms, half the adult dose is usually prescribed.

## DOLCIN

REG. TRADE MARK

Available from leading wholesalers. 100's Retail 8/- per unit plus 2/- P.T. Trade 72/- per dozen plus P.T.

An attractive showcard and counter literature are available on request from sole distributors:

**TAMPAX LTD.**

Sales Office: 110 JERMYN STREET, LONDON, S.W.1  
Retail Trade supplied through Wholesalers only.



Keen buyers buy



and Kay's Compound Pastilles in 50/- lots.  
Mixed parcels are very profitable

2 dozen 1/7 Kay's Linseed Compound	10/3 dozen
	£1. 0. 6
1/2 dozen 3/9 Kay's Linseed Compound	25/- dozen
	6. 3
6 dozen 1/11 Kay's Compound Pastilles	12/- dozen
	3. 12. 0
	4. 18. 9
Add Purchase Tax	1. 13. 9
	6. 12. 6
Selling Price	9. 7. 3

From your wholesaler or direct from

**KAY BROTHERS LTD., REDDISH, STOCKPORT**

AN ALL COTTON WOOL PRODUCT OF REEVE & MATTHEW

# Consolux

Patent No. 410  
(Registered)

**SUPERFINE QUALITY**  
**ALL WOOL SANITARY TOWELS**  
**LOOPED ENDS**  
**NON-ABSORBENT BACK**  
**WHOLESALE ONLY**

**ROBERT BAILEY & SON, LTD.**  
SURGICAL DRESSING MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: GREAT MOOR 3004 Grams: "UNDISPUTED," STOCK



# N.H.S.

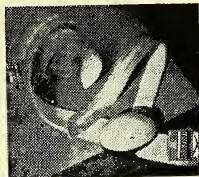
# M.P.S.

## The arrangements for the supply of BROOKS RUPTURE APPLIANCES

For HERNIA of all kinds, the medical profession has, for many years, prescribed the fitting of BROOKS RUPTURE APPLIANCE.

Under the NATIONAL HEALTH Pharmaceutical Service, registered chemists are appointed distributors of prescribed appliances, and we welcome this co-operation. May we send you full particulars of our service?

Illustrated are two types of BROOKS APPLIANCES—typical of our very wide range. A special point of our service is that we make and supply within a week of receiving the measurements. Measure Forms, Show Cards, Catalogues and Leaflets supplied on request.



A. Brooks Automatic Air Cushion Pad — hygienic detachable rubber dome, takes in and exhausts air with every movement.



B. Brooks Hand-made Air Cell Pad for Scrotal ruptures. Thousands of air cells adapt themselves to the body. Cannot puncture or lose shape.

## BROOKS APPLIANCE CO., LTD.

(854) 80 Chancery Lane, London, W.C.2 Tel.: Holborn 4813

and at (854) HILTON CHAMBERS, HILTON STREET  
STEVENSON SQUARE, MANCHESTER, 1. Tel.: Central 5031

(854) 66 RODNEY STREET, LIVERPOOL. Tel.: Royal 6548

Also at Buenos Aires, Johannesburg, Sydney, Melbourne, Calcutta, etc.

# POLAWAX

SELF-EMULSIFYING STEARYL ALCOHOL

## Suggested Applications

### In Cosmetics

AFTER SHAVE CREAM  
BEAUTY CREAM  
COLD CREAM  
DEODORANT CREAM  
FOUNDATION CREAM  
HAIR CREAM  
HAND CREAM  
POWDER CREAM  
VANISHING CREAM

Literature and  
free testing sample  
sent on request

### In Pharmacy

ACRIFLAVINE CREAM  
BENZOYLE PEROXIDE CREAM  
CALAMINE LINIMENT  
EUSOL EMULSION  
NUPERCALINE OINTMENT  
PROFLAVINE-UREA CREAM  
SULPHANILAMIDE CREAM  
TURPENTINE/ACETIC EMULSION  
PENICILLIN CREAM BASE

## CRODA LIMITED

Administrative Office: CRODA HOUSE, SNAITH, GOOLE, YORKS.

Telephone: SNAITH 77

London Office: 24 HAYMARKET, S.W.1

Telephone: WHITEHALL

Manchester Office: 74 CORPORATION STREET, MANCHESTER 4

Telephone: BLACKFRIAR

Bradford Office: CENTRAL CHAMBERS, CHEAPSIDE, BRADFORD

Telephone: BRADFORD



DRUGS, GALENICALS, PROPRIETARY  
Makers of 'Vitasac'

**R. SUMNER & CO. LTD**  
HANOVER STREET LIVERPOOL

# MILLAMALT



Sole Manufacturers: JEFFREYS, MILLER & CO. LTD (A6500 I.U., D400)  
Leyland Mills, Wigan. London Dept. 19 Brookside Rd. N. (1 U. PER FL. OZ.)

Malt Extract with  
added Natural Vitamins

**MEDICATED SOAP**  
SKIN & SCALP AFFECTIONS

# SULPHAQUA

**BATH CHARGE**  
RHEUMATISM · GOUT

EXPORT ENQUIRIES INVITED

Both products may be recommended with confidence.

**REPEAT SALES ASSURED**

Immediate delivery through leading Wholesalers or direct from

**S. P. CHARGES CO., ST. HELENS, LANCs.**

Est. 18

# *your first prescription . . .*



ISSUED IN BOTTLES  
OF 25 TABLETS

Trade Price	22/6 doz.
Postage Tax	7/6 doz.
Retail Price	3/1½ each
Schedules I and VII	

for 'Edrisal' will reach you any day now. Stocks are available from your usual wholesaler or direct from us. 'Edrisal' presents a different and unusually effective form of analgesia. It contains not only two recognized analgesic agents, but also the well-known anti-depressant, 'Benzedrine.' Thus 'Edrisal' relieves pain *and* dispels the depression which almost always accompanies pain. The recommended dose is 2 tablets for the relief of pain in:

DYSMENORRHOEA	INFLUENZA
SIMPLE HEADACHE	HEAD COLDS
NEURALGIA	SINUSITIS

Literature is available to pharmacists on request.

# **'EDRISAL'**

*The Dual-Action Ana'gesic*

Each tablet contains: amphetamine ('Benzedrine') sulphate 2.5 mg. ; acetylsalicylic acid 160 mg. ; phenacetin 160 mg.

MENLEY & JAMES, LIMITED, 123 COLDHARBOUR LANE, LONDON, S.E.5  
Smith Kline & French International Co., owner of the trade marks 'Edrisal' and 'Benzedrine'

5%

BONUS

**5 POPULAR FLAVOURS :**

Orange, Lemon, Lemon and Orange, Pineapple, Applym (Lime flavoured apple juice cordial).

**GOOD QUALITY :**

They're made by CITRUS PRODUCTS Co. Ltd.

**ATTRACTIVE PACK :**

For eye-arresting, sales compelling displays.

**BONUS PROFITS :**

Profit on your return 28.8%

Profit on your cost 40.4%

RETAIL  
PRICE

2'9

26 FLUID OZ.

**NEW !****PROFITABLE****SELLING****THROUGH****CHEMISTS****ONLY !****SEND YOUR****ORDER NOW****DELIVERY THROUGH**

**OFFER!**

*Introduces*  
**HOSTESS**

FRUIT SQUASHES



**ORDER NOW**

**These figures mean BUSINESS**

YOUR RETURN **33/-**

YOUR BUYING PRICE

24/9 LESS 5% **23/6**

***YOUR PROFIT 9'6 per doz.***

**DURING BONUS PERIOD**



US PRODUCTS CO. LTD.  
GENT ST. LONDON W.1

USUAL WHOLESALE CHEMISTS

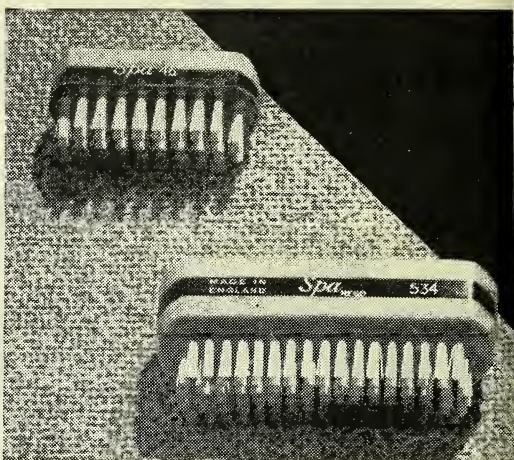
**BONUS OFFER  
DEFINITELY CLOSING  
APRIL 30.**



We confidently recommend the two SPA Brushes pictured here as ready sellers.

You, on your side, can recommend them to your customers with equal confidence for their reliability. The name SPA on the brush is your guarantee—and theirs.

These SPA Brushes do not linger on your shelves. They move fast. And there's a good profit for you every time one goes over the counter. Supplies are now available.



Send for Combined Business Reply Price List/Order

SPA BRUSHES LTD. Freeman Works, Chesham, Bucks.

**SOLD ONLY THROUGH CHEMISTS**

**P.A.T.A.**

***Lantigen***

**SERIES OF DISSOLVED ORAL VACCINES**

LANTIGEN Series of Dissolved Oral Vaccines, after 12 years' success in Australia, is now available here.

It is on the P.A.T.A. list, and backed by heavy National Advertising, there is ever increasing demand. Selling price, including Pur. Tax, 25/8d. per bottle. Descriptive leaflets and terms on request.

- LANTIGEN 'A'** for the Common Cold.
- LANTIGEN 'B'** for Catarrh and Bronchitis.
- LANTIGEN 'C'** for Rheumatism or germ-born origin.
- LANTIGEN 'D'** for Staphylococcal Skin Infection.
- LANTIGEN 'E'** for Hay Fever and Asthma.
- LANTIGEN 'F'** for Whooping Cough.

*Supplies direct from Sole Distributors:*

**J. C. GAMBLES & CO. LTD., 211, BLACKFRIARS ROAD, LONDON, S.E.**  
or from Wholesale Chemists.

*Manufactured by:* **LANTIGEN (ENGLAND) LTD., BAGSHOT, SURREY**



# Potter's CATARRH PASTILLES



**P.A.T.A.**



MAY 2-13  
OLYMPIA &  
EARLS COURT

**SEE OUR EXHIBIT**

**STAND  
B — 21  
OLYMPIA**

Retail **1/4<sup>1</sup>/<sub>2</sub>** each. Wholesale **9/-** per doz.  
Plus tax 3/-

Reminder: Potter's ASTHMA REMEDY, Retail 2/5  
Wholesale, 18/-, plus tax. 6/- per doz.

NOW READILY AVAILABLE from

**POTTER & CLARKE LTD.**

60-64 Artillery Lane, LONDON, E.1

Telephone: BISHopsgate 4761


and 77 Dantzic Street, MANCHESTER, 4

Telephone: BLAckfriars 8724

*Luxury  
Lanolin  
Cosmetics*



**WESTBROOK LANOLIN CO.**  
(Subsidiary of Woolcombers Ltd.)  
**BRADFORD.**



**Eade's  
PILLS**

Eade's Rheumatic and Gout Pills, the remedy with a 100 year old fame.

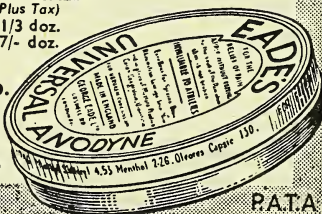
RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	11/3 doz.
3/9	27/- doz.
6/3	46/- doz.

**Eade's  
UNIVERSAL  
ANODYNE**

Another Eade's product always in demand.

RETAIL (Inc. Pur. Tax)	WHOLESALE (Plus Tax)
1/7	11/3 doz.
3/9	27/- doz.

**EADE'S PILLS LTD.**  
(Dept. C. & D),  
232 Goswell Rd.,  
LONDON, E.C.1.  
Clerkenwell 3370



P.A.T.A.

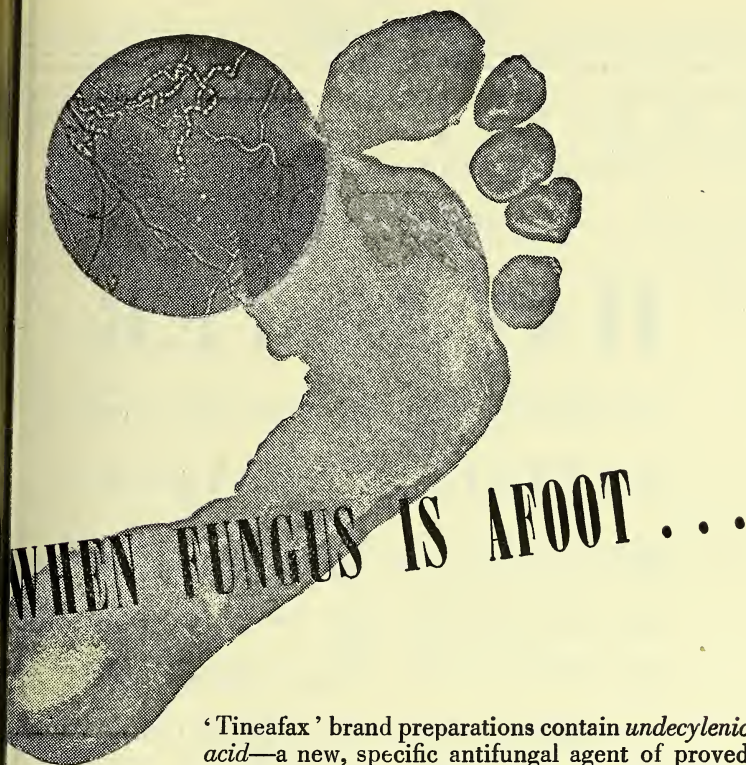
FOR THE PAST SIXTY YEARS the public has known, liked and relied upon.. Box's Pills as a fine remedy for digestive troubles. They are still a good profit-making product for the chemist, all year round.



**Box's Pills  
FOR INDIGESTION**

P. A. T. A. Retail Price INCLUDING PURCHASE TAX  
1/5, 3/4, 5/5, 13/4, 24/-

W. H. Box 161 King St. Plymouth



WHEN FUNGUS IS AFOOT . . .

'Tineafax' brand preparations contain *undecylenic acid*—a new, specific antifungal agent of proved effectiveness in "athlete's foot" and similar dermatophytoses.

'Tineafax' brand Ointment is intended for the treatment of established infection; 'Tineafax' brand Powder as an adjunct to the Ointment and for prophylactic use. Both products are clean and pleasant to use, non-staining and free from objectionable odour. The Ointment is issued in collapsible tubes of 1 oz. (approx.); the Powder in tins of 2 oz. Separate display outers available.

The answer is 'TINEAFAX'

COMPOUND UNDECYLENATE OINTMENT AND UNDECYLENATE POWDER BRAND

Each product retails at 2s. 6d. plus 7½d. Purchase Tax



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

**ANTI-ALLERGIC THERAPY BY LOCAL  
APPLICATION IN**

# **HAY-FEVER**

by instillation into the nose and eye of

## **ANTISTIN - PRIVINE**

This solution not only produces a marked decongestive effect, but has a powerful anti-allergic action. It may also be used in such conditions as vasomotor rhinitis and allergic conjunctivitis

*Bottle of  $\frac{1}{2}$  fl. oz. 4/- : 4 fl. ozs. 22/- : 20 fl. ozs. 88/-*

*Retail discount 33 $\frac{1}{3}$ %. Exempt from Purchase Tax*

# **C I B A**

*(" Antistin " and " Privine " are registered trade marks)*

**CIBA LABORATORIES LTD., HORSHAM, SUSSEX**

*Telephone : Horsham 1234*

*Telegrams : Cibalabs, Horsham*

# The CHEMIST AND DRUGGIST

OR RETAILER—WHOLESALE—MANUFACTURER

APRIL 23, 1949

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

Copies 1/- each. Annual subscription, which includes *The Chemist and Druggist* Diary and Year Book, 30/-

3609	CONTENTS	Volume CLI
Business Changes ... ..	518	Irish News ... .. 516
Civil Service Pharmacists ... ..	539	Italian Essential Oils ... .. 537
Dining Events ... ..	538	Legal Reports ... .. 522
Company News ... ..	518	Local News ... .. 515
Correspondence ... ..	539	Mechanised Accounting ... .. 534
Council Candidates ... ..	526	Neomycin ... .. 521
Deaths ... ..	519	News of the Week ... .. 513
Amorphine Linctuses ... ..	533	Personalities ... .. 519
Editorial Articles:—		Pharmaceutical Society of Ireland:—
A Good Investment ... ..	529	Council Meeting ... .. 532
Official Parsimony ... ..	529	P.A.T.A. Annual Meeting and Report 523
Scottish Streptomycin Trials ... ..	530	The Week in Parliament ... .. 522
Outside the Free List ... ..	530	Topical Reflections ... .. 517
Twenty Years Ago ... ..	544	Trade Marks ... .. 544
Imperial Institute ... ..	538	Trade Notes ... .. 520
Information Wanted ... ..	528	Trade Report ... .. 540
Instruments and Machinery ... ..	536	Trusses and their Fitting—5 ... 531

## NEWS OF THE WEEK

**D. Exemptions.** — Under a new Regulatory Order (S.I., 1949, No. 696) made April 8, 2-ethyl hexoic acid and calcium ortho-iodoxybenzoate are exempted from Key Industry duty.

**Drawback on Film Bases.** — A new Regulatory Order (S.I., 1949, No. 698) came into operation on April 14, and extends the drawback schemes for certain imported photographic film bases and the rates of drawback.

**Retail Sales in February.** — Board of Trade statistics give the value of weekly retail sales in February by large-scale retailers of general wares as 5.2 per cent. higher in value than in January, and 8.4 per cent. higher than in February 1948. At the end of February, 8.4 per cent. lower than a year earlier. Sales of independent chemist retailers were 1.2 per cent. up.

**Research Boards.** — New appointments to the Research Boards of the Department of Scientific and Industrial Research in the following:—*Chemistry Research* Board: Professor M. G. Evans (professor of

physical chemistry, Manchester University), Mr. H. W. T. Thompson (lecturer in chemistry, Oxford University), and Mr. F. Roffey (Distillers Co., Ltd.). *Pest Infestation Research Board*: Mr. C. B. Williams (chief entomologist, Rothamsted Experimental Station).

**Executive Councils and Testing Scheme.** — Executive Councils have been instructed by the Minister of Health to make quarterly returns giving particulars of action taken under the scheme for testing drugs and appliances supplied under the National Health Service. The returns are to state how many samples were taken, in how many cases no action was taken, and how many were referred to the Pharmaceutical Service Committee. Members of Executive Council staffs are to act as agents.

**Paper Containers Not "Suitable."** — It has been agreed that from May 1 chemists will be required, under Part 5 of the May issue of the drug tariff, to discontinue the use of envelopes and other paper containers for the dispensing of tablets, pills, capsules, pastilles and lozenges and for bulk pow-

ders. Chemists are being advised in a notice to be sent out in advance of the Tariff itself that such containers are not considered to be "suitable containers" and their use must be discontinued.

#### Western German Import Goods.—

The Joint Export-Import Agency of the Anglo-American bizon of Germany has issued a new list of import goods for which import applications can be made at German foreign trade banks as from April 5. The goods include natural essential oils, valued at \$150,000, from the sterling bloc, Luxemburg, Austria, Belgium, France, Italy, Holland and Spain; crude drugs, valued at \$200,000, from the sterling bloc, Greece, Norway, Austria, Sweden, Hungary, France, Holland, Switzerland and Jugo-Slavia; vegetable waxes and beeswax, valued at \$250,000, from the sterling bloc, Belgium, Luxemburg and Turkey.

**Sale of Building Authorised.**—At a special meeting of members of the Pharmaceutical Society held in London on April 19, a resolution was passed *nem. con.* approving of and concurring in the sale of the Society's freehold land and building on the north side of Brunswick Square, London, W.C.1, and authorising the Council to complete the sale "on such terms as they consider proper." The resolution was proposed by the president (Mr. H. C. Shaw) and seconded by the treasurer (Mr. W. S. Howells). In answer to a member's question, Mr. Shaw said that no letters objecting to the proposed sale had been received by the Society. Mr. G. H. Armitage supported the motion. There was little discussion and the meeting lasted only a few minutes. About twenty-five members were present.

#### Blackpool Conference Arrangements.

—The preliminary programme of the British Pharmaceutical Conference to be held at Blackpool, September 12-16, issued recently, states that the opening session is to take place on Monday afternoon, September 12, followed by a civic reception in the evening. There are to be three science sessions on Tuesday and one on Thursday, with a science session and a symposium session on Friday. The Branch Representatives' meeting is to be held in two sessions on Thursday. Social events include a banquet, a ball, visits to the Blackpool Opera House and the Tower circus, and an all-day Conference excursion (on Wednesday) to the Lake District. Requests for hotel accommodation should be sent to Entertainments and Accommodation, Ltd., Metropole Buildings, Black-

pool. Books of Conference tickets (£5 5s. each) are obtainable from Mr. J. Carter (local treasurer), 27 Red Road, Bispham, Blackpool, cheques made payable to the Blackpool Pharmaceutical Conference Committee.

#### Exports "of Military Value."—

A Order (S.I., 1949, No. 652), in operation from April 8, extends the range of goods subject to export licensing control by reason of their potential military value. The following chemicals are added to the restricted list: Antimony compounds; antimony permanganate; diethyl diphenyl (carbamite or centralite); dimethyl diethyl urea (carbamite or centralite); diisobutylene; glycols, esters, ethers and ethers of glycols (including ethylene oxide and ethylene oxide); hexamethylenetetramine; hydrazine hydrate; hydrogen peroxide (volumes strength and over); isopropyl lead tetra-ethyl and mixtures containing lead tetra-ethyl; nitroguanidine; pentachlorotrinitrobenzene; potassium permanganate; strontium compounds; and zirconium compounds. These products (with the exception of mixtures containing lead tetra-ethyl) are exempt from export licensing procedure when exported to countries of the British Commonwealth, other O.E.E.C. countries and the United States.

#### Chemists Federation.

—At a meeting of the Chemists Federation Council held on April 7, 1949, with the president (P. H. Smith) in the chair, Mr. E. W. Ding was unanimously re-elected as Chairman of the Standards Committee. The applications for manufacturer membership were accepted subject to further negotiations, and Bengers, Ltd., Holmes Cheshire (all proprietary medicinal products), were accepted for immediate inclusion in the C.F. list. The following addition to the schedule of a C.F. agreement was approved: Luma Products, Ltd. (anti-rheumatic ointment). The Council ruled that the Vermex Chemical Co., should be deleted from the C.F. list, the resignation of Halsteads (Chemical Ltd.), was accepted and the company name deleted from the list. The secretary reported that aluminium display plates were being distributed to all retailers and that further appeals had been made to manufacturers, wholesalers and retailers for contributions to the C.F. publicity and propaganda fund. Arrangements were made for the publication of an issue of the C.F. bulletin and for the distribution of an aluminium counter containing booklets.

## LOCAL NEWS

**Blackpool Whist Drive.**—A profit of was made at a whist drive held by the section of the Blackpool British Pharmaceutical Conference Committee on 12. Mrs. J. L. Dawson presented prizes.

**New N.A.W.P. Branch.**—A new branch of the National Association of Women Pharmacists has been established at Chester with the following officers:—*President*, E. Taylor; *Treasurer*, Miss K. E. Wain; *Secretary*, Mrs. P. L. Roberts, 55 High Green, Chester.

**London Sales Conference.**—The annual convention of the representatives of R. Harker, Stagg & Morgan, Ltd., London, E.1, held in London on April 1, presided over by the chairman of the company (Mr. E. Bernasconi). The convention was followed by a theatre visit and dinner.

**Local Officers.**—At the annual meeting of the Hull Chemists' Association and of the Pharmaceutical Society on April 8, the following officers were elected:—*Chairman*, Mr. T. L. Harrison; *Chairman*, Mr. J. Barritt; *Treasurer*, Mr. N. Harrison; *Secretary*, Mr. J. J. Wain; 3 Allderidge Avenue, Hull. (Telephone: Hull 19761).

**City of Nottingham Quincentenary.**—The Nottingham Branch of the Pharmaceutical Society is co-operating with the section of the Nottingham Chamber of Commerce in plans for celebrating the city's quincentenary in June. Members have agreed to ensure that their pharmacies be "bright and gay" and, where possible, make appropriate historical displays.

**Resolution on Wholesalers' Statements.**—A resolution deprecating the practice of wholesalers of sending statements too late to be included for payment through the National Pharmaceutical Union clearance house was passed at a meeting of the Yorkshire Pharmacists' Association on April 12. Some firms, it was stated, had completely discontinued the practice of issuing statements.

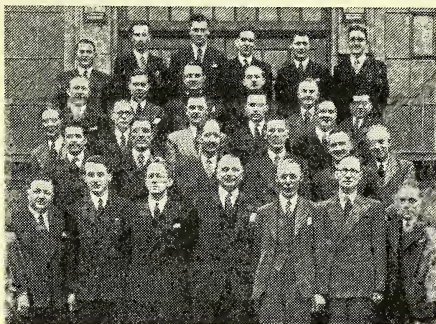
**Edinburgh Chemists' Golf.**—Edinburgh Chemists' Golf Club held its first outing of the season at Liberton on April 13. The members were as follows:—Harkness Beattankard, Mr. A. E. Graham, 68, Glasgow; Mr. J. B. McCaig, 70; Messrs. McCulloch and R. F. Muir (tied),

77. Second class: Messrs. H. E. Gauld and W. S. Thompson (tied), 74; Mr. A. Young, 76.

**Preston Lecture on Hernias.**—The various types of hernia and their causes were explained at a meeting of the Preston Pharmacists' Association on April 12 by Mr. J. Russell, F.R.C.S.E. (resident surgical officer, Preston Royal Infirmary). Mr. Russell said he preferred operative treatment to giving relief with a truss, but in conditions where surgery was impossible trusses could be recommended.

**South Shields Discussions.**—A discussion on "Modern Remedies" held by the South Shields Pharmacists' Association on April 11 was opened by a local medical practitioner. It was followed by an impromptu talk on current pharmaceutical topics given by Mr. E. Michelson. Mr. M. S. Pearson (chairman) presided and a vote of thanks to the speaker was proposed by Mr. Murdock MacKenzie.

**North Bucks N.P.U.**—Mr. T. Heseltine (a member of the Executive of the National Pharmaceutical Union and the Pharmaceutical Society's Council) addressed the Aylesbury and North Bucks Branch of the N.P.U. at Aylesbury on April 6 on "The Contractor and the National Health Service." Visitors to the meeting included Mr. J. F. McNeal (vice-president of the Society) with Mrs. McNeal, and Mr. T. Reid (a member of the Society's Council).



**SALES CONFERENCE.**—Representatives of the Chesebrough Manufacturing Co., Ltd., photographed at a recent conference in London. During the conference the representatives inspected the machinery and equipment recently installed at the company's works at Willesden, and, with their wives, were guests of the company at a theatre party.

**Bradford Annual Meeting.**—At the annual meeting of the Bradford Branch of the Society on April 12 the following officers were elected:—*Chairman*, Mr. A. S. Davy; *Senior vice-chairman*, Mr. C. J. Dewhurst; *Secretary*, Mr. Eric Robinson, 55 Darley Street, Bradford (Telephone: Bradford 3946). Future activities planned include a visit to Birdsgrove House (the Pharmaceutical Society's convalescent home).

**Isle of Thanet Annual Meeting.**—The following officers were elected at the annual meeting of the Isle of Thanet Branch of the Pharmaceutical Society on April 16:—*Chairman*, Mr. A. F. Taylor; *Vice-chairman*, Mr. D. Anderson; *Secretary*, Mr. H. H. Duckett, 33 Upper Dane Road, Margate. In an address entitled "From Now on" Mr. F. C. Wilson (member of Council) explained recent changes in the secretarial arrangements of the Society, and said that in selling its Brunswick Square building to the University of London the Society would not lose financially.

**Liverpool Centenary Celebrations.**—Mr. H. Humphreys Jones, J.P., Ph.C., F.R.I.C., F.C.S., delivering the third of the centenary lectures of the Liverpool Chemists' Association on March 31, spoke on "Chemistry, 1849-1949." Members later paid tribute to the lecturer, and one described him as "philosopher, theologian, chemist, teacher and a great man." Mr. Humphreys Jones thanked those who had honoured him, especially his former students. Dr. F. A. Barrie said it was proposed to celebrate the centenary of pharmaceutical education in Liverpool. A committee had been formed to prepare plans and every former student of the Liverpool School of Pharmacy would shortly receive a communication on the subject.

**Glasgow Pharmacy Club.**—A gold watch was presented to Mr. A. M. Aitken at the annual dinner of the Glasgow Pharmacy Club on March 29, in recognition of his services, until recently, as secretary. Mr. W. Wood Wilson made the presentation. There were more than 200 guests, with M. T. McEwan (president of the club) in the chair. Proposing "The Pharmacy Club," Mr. S. Hughan (chairman, Glasgow and South-western Scottish Branch, Pharmaceutical Society) said a liaison committee had been established between the club and the local Branch of the Society so that

joint functions could be organised. chairman, responding, hoped that members of the branch would join club. Mr. George McKay after recalling the days when chemists had had leisure, spoke of the value of the club bringing together members of the various sections of the drug trade.

## IRISH NEWS

**Irish Drug Association.**—At a meeting of the committee of the Drug Association the following were elected as members: Messrs. W. Fleming, Fleming's Medical Hall, Cavan; F. Farnan, Main Street, Carrmacross; T. Arnold & Sons, Main Street, Virginia, co. Cavan; R. S. Eakin, Street, Carrickmacross, co. Monaghan; H. B. O'Donoghue, The Pharmacy, Virginia, co. Cavan; and W. G. Wilkin, Wilkinson's Medical Hall, Ballybay. Transfer of ownership was notified in respect of Miss M. B. Hogan and Mr. J. Broderick.

**Ulster Chemists' Association.**—Miss E. Culbert (president) was in the chair at a meeting of the executive committee of the Ulster Chemists' Association held in Belfast on April 5. The following were elected to membership:—Messrs. W. Beggs, Finaghy, Belfast; A. K. F. Omagh; V. H. Lyness Lurgan; and Logan, Donaghadee. The following had been approved at a previous meeting of the Associates' Section) were admitted to associate membership:—Miss A. E. and Messrs. J. G. Blair, B. Brooks, Galbraith, M. McKay and R. W. W. (apprentices). The question of the being paid for the supply of oxygen to the Health Service was discussed and it was agreed to refer the matter to the Pharmaceutical Negotiating Committee; amount at present being paid was described as totally inadequate. The secretary, A. E. Strachan reported that the Customs and Excise authorities had advised the Association that, as from May 2, certain drugs and medicines in dispensing would be exempt from purchase tax under the Purchase Tax (No. 1) Order. Order for proprietary packs of such drugs and medicines for retail sale over the counter would continue to be liable to tax. It was agreed that retail purchases made by nurses and welfare officers and charged to county councils should be chargeable to the full price.

## TOPICAL REFLECTIONS

### Tariffs and Tariffs

The announcement that the Government give special assistance to exporters to Canada and the United States (p. 487) induces a welcome recognition in official circles of the importance of these countries to British manufacturers. With this decision of policy may be linked the fact that a new session of the conference for a General Agreement on Tariffs and Trade has opened in the French town of Annecy. It may be recalled that what is known as the Geneva agreement was published in this country as a White Paper at the end of 1947, and that you printed *G. & D.*, 1947.II.688 a selection from the schedules of the document. The conference at Geneva sat for about six months; it was hoped that the present assembly will complete its work in half that period. The work will necessarily be heavy. At Geneva there will be many items, in round figures, were selected for bilateral negotiation. At Annecy a number of countries participating has increased from twenty-three to thirty-three, with a corresponding increase in the number of delegates and, presumably, of topics for discussion. We are told that the negotiations will proceed bilaterally on an item-by-item basis, and that the countries represented are not expected to grant concessions without receiving similar concessions. It is to be hoped that, as at Geneva, it will be arranged that such concessions shall not be nullified by indirect taxes. So far as the United Kingdom is concerned, we may take it for granted that the integrity of Imperial Preference will be maintained.

### Poisoning by Yew Leaves

Your citation of a case of suicide by poisoning of yew leaves (p. 512) is of practical interest. Patients in asylums are probably more easily kept under strict observation than cattle and other domestic animals; yet the number of deaths from leaf poisoning among farm stock is, according to newspaper reports, considerably greater than that of corresponding deaths among the insane. In a note, some years ago on the treatment of cattle known or suspected to be poisoned in this way, you recommended administering potassium iodide for several weeks, mild purgatives occasionally, raw eggs, milk, and, if necessary, stimulants. It was added that death should occur when danger is thought to be past. F. G. Heath states in "Our British

Trees and How to Know Them" that yew leaves are innocuous to cattle when eaten fresh: if I owned a herd, however, I should not care to risk an experiment to prove this. The etymology of the generic name *Taxus* is uncertain. Among suggestions are *toxon* (a bow); *toxicum* (poison); *taxis* (arrangement—i.e., of the leaves). The "six or eight" species found in temperate regions are thought by G. Nicholson, in his Dictionary of Gardening, to be varieties of one species. The choice of the wood of the yew for the mediæval long bow was, as is well known, determined by the factors of toughness and elasticity. A post made of yew is reputed to outlast a similar post made of iron.

### Early American Manufactures

We have been told that everything in this world is relative. So, when we read (as on p. 493) that any manufacturing house is believed to be the oldest of its kind in its country, we can only collate the information with similar announcements. It sometimes happens that the idea of making a particular advance occurs to more than one person at or about the same time. The following details of early chemical and pharmaceutical manufacture in the United States are taken from a monograph by Dr. George Urdang, of Madison, Wisconsin, published in the (American) "Bulletin of the History of Medicine" in 1944. At Philadelphia, in 1786, the firm of Christopher (Jr.) & Charles Marshall, retail and wholesale druggists, started the commercial production of ammonium chloride and Glauber's salt. In 1826 another firm of Philadelphia druggists, Samuel P. Wetherhill & Co., advertised preparations of their own manufacture, including tartaric acid, Rochelle salt, calomel and quinine sulphate. The author continued: "The credit of having pioneered in the manufacture of alkaloids on American soil, however, has to be given to European chemists who immigrated into the United States . . . It was primarily the firm of Rosengarten & Sons, founded in 1822 by the Swiss chemist, Seidler, and the German chemist, Zeitler, which started the manufacture of alkaloids in the United States of America." Indigenous drugs played an important part in the development of American pharmaceutical industry: I suppose that some of the present differences between the United States Pharmacopœia and our own may be traced to this fact.

**Xrayser**

## NEW COMPANIES

**SPEERS PHARMACY, LTD. (P.C.).**—Registered in Belfast. Capital £100. To carry on the business of pharmaceutical and dispensing chemists, etc. James Speers and Mary Speers, directors. R.O.: Castle Street, Comber.

**FRESHMANS PHARMACY, LTD. (P.C.).**—Capital £1,000. To carry on the business of wholesale or retail, manufacturing and general chemists, etc. Paul Freshman and Annie E. Freshman, directors. R.O.: 214 North Street, Leeds.

**FRANK MCCONNELL & Co., LTD. (P.C.).**—Registered in Belfast. Capital £1,000. To carry on the business of manufacturers of, and dealers in, chemicals, drugs, etc. Frank McConnell and Patrick McConnell, directors, Gortin, Omagh.

**B. J. LOGAN, LTD. (P.C.).**—Registered in Belfast. Capital £1,000. To carry on in Donaghadee the business of pharmaceutical chemists, etc. Robert J. Slogan, 17 High Street, Donaghadee, subscriber. First directors are not named.

**MARSH PHARMACY, LTD. (P.C.).**—Capital £2,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Ann Fry and Ronald Malkin, M.P.S., directors. R.O.: 48 Marsh Street, Hanley, Stoke-on-Trent.

**PRESCOTT (DRESSINGS), LTD. (P.C.).**—Capital £4,000. To acquire the business of manufacturers of surgical dressings, etc., carried on at Tameside Mill, Park Road, Dukinfield, as T. Prescott & Co. Thomas Prescott and Frances Prescott, directors.

**BEWAX PRODUCTS, LTD. (P.C.).**—Capital £5,000. To carry on the business of manufacturers of, and dealers in, waxes, emulsions, polishes, plastics, etc. Percival J. Watkins and John L. H. Berlandina, directors. R.O.: 579 London Road, Isleworth, Middlesex.

**V. S. LEATHER, LTD. (P.C.).**—Capital £1,000. To carry on the business of British and foreign pharmacists, chemists and druggists, opticians, etc. Vernon S. Leather, M.P.S., and Dorothy I. Leather, directors. R.O.: 26 Widmore Road, Bromley, Kent.

**GOULDEN & ALLEN, LTD. (P.C.).**—Capital £500. To carry on the business of British and foreign pharmacists, chemists and druggists, etc. Vernon S. Leather, M.P.S., Dorothy I. Leather and Ronald E. Chipperfield, M.P.S., directors. R.O.: 3 Widmore Road, Bromley, Kent.

**WALLACE CLARK (CHEMISTS), LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturing and dispensing chemists, druggists, etc. Wallace Clark, Florence E. Clark and Annie Waites, M.P.S., directors. R.O.: St. Augustine's Gate, Hedon, E. Yorks.

**STEPHENSONS THE CHEMISTS, LTD. (P.C.).**—Capital £800. To acquire the business of a chemist and druggist now carried on by Nancy Stephenson at 8 High Street, West Cornforth, co. Durham. Joseph H. Stephenson and Nancy Stephenson, directors.

**ORRS MEDICAL SUPPLIES, LTD. (P.C.).**—Capital £5,000. To carry on the business of importers and exporters of, and dealers in, chemists' and druggists' sundries and supplies, etc. Fred Orr

and Harry Orr, directors. R.O.: Hoghton Chambers, Hoghton Street, Southport.

**SCHUETTE & SON, LTD. (P.C.).**—Registered Dublin. Capital £6,000. To acquire the business of a manufacturing chemist carried on by Schuette as Dwarf Products at 12 Fownes Street, Dublin. Paul Schuette, Sean Schuette, Elizabeth R. Schuette and Sean Nolan, directors.

**L. D. HOUGHTON (MANUFACTURING CHEMISTS) LTD. (P.C.).**—Capital £500. To carry on the business of manufacturing, pharmaceutical, dispensing and analytical chemists, etc. Leslie D. Houghton M.P.S., and Lily C. Houghton, directors. R.O. 500 Prescott Road, Old Swan, Liverpool, 13.

**B. HARRIS (CHEMISTS), LTD. (P.C.).**—Capital £5,000. To acquire the business of a chemist at druggist carried on by Berthold Harris at Edge Lane and 82 Smith Street, Liverpool. Berthold Harris, M.P.S., Henrietta Harris, Simon Spiro, M.P.S., and Leila C. Hyman, directors.

**NATURA PRODUCTS, LTD. (P.C.).**—Capital £10. To carry on the business of manufacturers at refiners of, and dealers in, hairdressing preparations, appliances and requisites, etc. Joan P. Armspach and Doris K. Armspach, directors, 1 Bramfield, Stanmore. R.O.: 20 Lawrence Lane, Cheapside, London, E.C.2.

**A. W. QUAINANCE, LTD. (P.C.).**—Capital £3,000. To acquire the business of a manufacturer of graduated glass measures and medical and surgical glassware carried on by Leonard J. Burrell as A. W. Quainance at Dominion House, Bartholomew Close, London, E.C.1. Leonard Burrell, M. A. Burrell and H. B. Burrell, directors.

**J. B. RAWLINS & SON, LTD. (P.C.).**—Capital £3,000. To acquire the business of a manufacturer of surgical and manicure instruments, scissors and cutlery, carried on by George J. Hawksworth, as J. B. Rawlins & Son, at Hope Works, Harvey Clough Road, Sheffield. George J. Hawksworth, Dorothy M. Hawksworth and Edith M. Hawksworth, directors.

## Company News

**PEST CONTROL, LTD.**—The Council of the London Stock Exchange has ordered the quotation (from April 19) of 350,000 5 per cent. cumulative redeemable preference shares of £1 each, fully paid (un-numbered); and of 1,400,000 ordinary shares of 5s. each, fully paid (un-numbered).

## BUSINESS CHANGES

**HERBERT FERRYMAN, LTD.**, wholesale and manufacturing chemists, Cobden Bridge, Southampton, have appointed Mr. W. E. Thomas their representative in Sussex, Surrey and East Hampshire.

**MR. BARRY HOPPER, Ph.C.**, has taken over the business at 97 Raby Street, Newcastle-on-Tyne, from his father, Mr. F. E. Hopper, M.P.S., who has retired.

**MR. S. ROBERTS** (formerly products salesman of the Gas Light and Coke Co.) has been appointed products salesman to the North Thames Gas Board.

**REED BROTHERS (ENGINEERING), LTD.** are removing on April 25 to Replant Works, Cuba Street Millwall, London, E.14 (Telephone: East 4081-85).

## DEATHS

**BRYANT.**—Recently, after a long illness, John Bryant, Glenroyd, Eastfield Road, Pickering, Yorks, formerly of Ramsdale and Westcliff-on-Sea, aged seventy. Mr. Bryant, who qualified as a chemist and druggist in 1906, retired in 1947.

**CURRIE.**—At Inverleith Place, Edinburgh, on April 13. Mr. John Ronald Currie, M.A., M.D., LL.D., D.P.H., F.R.C.P.E., Emeritus Professor of Public Health, University of Glasgow.

**HUGHES.**—Recently, Mr. Malachy John Hughes, M.P.S., 507 Ashton Old Road, Salford, Manchester, 11. Mr. Hughes was registered in Great Britain in 1942. He was previously a member of the Pharmaceutical Society of Northern Ireland.

**LAWRENSON.**—On March 27, Mr. George Lawrenson, 16 Church Way, Northampton, formerly of Grimsby. Mr. Lawrenson qualified as a chemist and druggist in 1891 and passed the Pharmaceutical Chemist examination in 1892.

**McNAUGHT.**—On April 4, Miss Mary McNaught, M.P.S., 41A Burleigh Street, Glasgow, aged forty-nine. Miss McNaught, who qualified in 1922, was in business with her brother, Mr. J. D. McNaught, M.P.S.

**OATES.**—Recently, after a short illness, Cleophas Henry Oates, 200 Coventry Road, Exhall, nr. Coventry, aged eighty-five. Mr. Oates qualified as a chemist and druggist in 1896. He was for thirty-five years in business at Bedworth.

**POLL.**—On March 23, Mr. William George Poll, 6 Sandringham Avenue, Great Yarmouth, aged eighty-six. He qualified as a chemist and druggist in 1886.

**WARNOCK.**—At 63 Prince Edward Street, Glasgow, S.2, on April 11, Mr. William Scott Warnock, M.P.S., formerly of Minard Road, Crossmyloof, Glasgow. Mr. Warnock qualified in 1894.

**WASS.**—On April 16, Mr. Charles Wass, Alding Road, Holbeach, Lincs, aged eighty-eight. Mr. Wass, who qualified as a chemist and druggist in 1893, was for nearly forty years in business as a chemist and druggist in premises now occupied by Messrs. W. & A. Wass, Ltd., but retired ten years ago. He was survived by his widow, a son and two daughters.

**WILLIAMS.**—Suddenly, on April 18, at Corringham Road, Wembley Park, Mr. William John Williams, F.C.I.S., A.L.A.A.,

M.I.Ex. (secretary and manager, Pharmaceutical Export Group), aged sixty-six. Mr. Williams qualified as a chemist and druggist in 1919. For twenty-three years he served with Evans Sons Lescher & Webb, Ltd. (now Evans Medical Supplies, Ltd.). In 1923 he joined Francis Newberry & Sons, Ltd., of which he eventually became managing director. The company amalgamated with Sangers, Ltd., in 1933, and Mr. Williams remained with Messrs. Sangers for seven years. In 1940 he became secretary of the Pharmaceutical Export Group and in 1943 of the Anglo-Iranian Pharmaceutical Co., Ltd.; later, for a time, he was secretary of the British European Pharmaceutical Co., Ltd. The funeral has been arranged for April 23.

## PERSONALITIES

**MR. R. CAMPBELL FEATHER, M.A., B.Sc., A.R.I.C.** (managing director of Meggeson & Co., Ltd.), addressed the Rotary Club of Jersey recently on "English Drug Trade Organisations, with particular reference to the Chemists Federation."

**MRS. E. A. BROCKLEHURST, M.P.S.** (a past-president of the Hull Branch of the Pharmaceutical Society and the wife of Mr. E. A. Brocklehurst, M.P.S., a member of the Pharmaceutical Society's Council) has been appointed a justice of the peace for the East Riding of Yorkshire. She is an active social and hospital worker in the district.

**DR. R. S. CAHN** has been appointed editor of the Chemical Society's publications in succession to Dr. J. E. Driver, who takes up an appointment to the chair of Chemistry, University of Hong Kong.

**MR. A. M. BRYAN**, who has been appointed vice-chairman of Group 2 (pills, tablets, etc.) of the Association of British Pharmaceutical Industry, was apprenticed to Mr. Franklin Barlow, Buxton, Derbys, after being educated at Matlock and Wirksworth. He gained further experience of pharmacy at Newport, Salop, and at Stafford, and in 1927 qualified from the Manchester College of Pharmacy. After experience in the home sales department of Burroughs Wellcome & Co. he joined W. B. Cartwright, Ltd., in 1929 as assistant sales manager. In 1939 he was appointed commercial manager, in 1947 he was appointed a director and later became assistant managing director. Mr. Bryan is a member of the Incorporated Sales Managers' Association, and of the Institute of Industrial Administration.

## TRADE NOTES

**Drum Tilts.**—On another page W. Shupak & Co., Ltd., 2 Stothard Place, Bishopsgate, London, E.C.2, offer drum tilts for easy draining of 40-45 gall. drums.

**Antibiotic Throat Lozenge.**—Sharp & Dohme, Ltd., Hoddesdon, Herts, point out that Tyrozets are an antiseptic throat (not fruit) lozenge containing Tyrothicin and benzocaine.

**Agency for Holdalls.**—Woodhall, Ltd., 14 Great Swan Alley, London, E.C.2, are agents for the toilet holdalls, sponge bags, etc., manufactured by Three Rings Products, Ltd., Glasgow.

**Perfumed Talcum.**—Delavelle, (G.B.), Ltd., 38 Orsman Road, London, N.1, have introduced Blue Orchid talcum powder, which is issued in elegant blue-and-cream canisters for sale at a popular price.

**Bonus Offers.**—Clinical Products, Ltd., Richmond, Surrey, point out that the company's bonus offer for Persomnia, to which reference was made in these columns last week, closes on April 30 and not as there stated.

**Plastic Nail Lacquer.**—Loveluck, Edwards & Co., 432 Garratt Lane, London, S.W.18, invite inquiries from packers, wholesalers and retailers for their new plastic nail lacquer, available in all popular shades and pearl.

**Roll Films.**—Premier Photographic Supply Co., 67 Caledonian Road, London, N.1, offer panchromatic roll films in standard sizes from selected Government surplus on backing papers and spools specially manufactured for them.

**Now a Scheduled Poison.**—Glaxo Laboratories, Ltd., Greenford, Middlesex, issue a reminder that Heptalgin tablets and ampoules are now included in Part 1 of the Poisons List and in Schedules I and IV of the Poisons Rules.

**Medicated Chewing Sweets.**—William Mather, Ltd., Dyer Street, Chester Road, Manchester, have introduced Mathamints (aspirin in sugar coated, spearmint flavoured chewing-gum tablets). Each tablet contains 2.5 gr. aspirin.

**Rupture Appliances.**—Brooks Appliance Co., Ltd., 80 Chancery Lane, London, W.C.2, invite chemists to write for particulars of a service provided by the company to appointed distributors for prescribed appliances under the National Health Service.

**Packaging Change.**—British Chemical & Biologicals, Ltd., 43 Regent Street, Loughborough, Leics, are discontinuing 180-gm. tin of Sanatogen and replacing it with an 8-oz. packing. Adequate supplies of Sanatogen are now available in 4-oz., 8-oz. and 2-lb. sizes.

**Brush and Comb Combined.**—A handled comb in tinted plastic material with a row of black bristles set at a slight angle on either side of the teeth, has been introduced under the brand name St. Combrush by Petrofuel Products (Porth), Ltd., Porth, Glam.

**Shortage Continues.**—Eustace M. Food Co., Ltd., Albion Food Mills, Kingsbury Road, Kingsbury, London, N.V. state that a shortage of Emprote continues but that efforts are being made to maintain distribution as fairly as possible. Trade distributors are Mapleton's Food Co., Ltd., Garston, Liverpool, 19.

**Royal Warrant.**—Yardley & Co., 133 Old Bond Street, London, W.1, have been granted a Royal Warrant of Appointment as purveyors of soap to H.M. King. The company have for many years held a Royal Warrant as perfumers to H.M. Queen Mary and formerly held a Royal Warrant to H.R.H. the Prince of Wales.

**Plastic Breast-shields.**—Allen & Hurburys, Ltd., Bethnal Green, London, have introduced the Woolwich breast shields. Constructed in transparent plastic material, the shields are light in weight and easily taken apart for cleaning. They are issued in pairs only, and may be ordered as an appliance under the National Health Service.

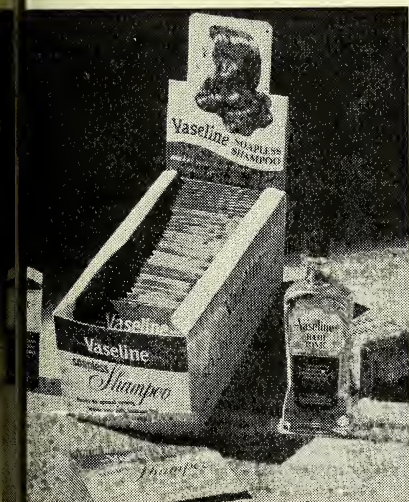
**Shopfitter on Tour.**—D. Mawdsley & Co., 64 Faulkner Street, Manchester are arranging for their consultant shopfitter to visit the Sheffield, Birmingham and Nottingham areas in the near future and they invite inquiries from chemists who are considering alterations to shops or dispensaries during the comparatively quiet summer months.

**Display Stand.**—A new display stand for Three Flowers beauty preparation offered by the manufacturers, Richard Hudnut, Ltd., Power Road, London, W. The stand measures 15½ x 13 in. and is printed in an overall dove grey, which shows off to advantage the rich red

Three Flowers packages (the stand displays the complete range). The display is in two parts, and the upright back can be used separately as a show-if so desired.

**Price Lists.**—The May 1949 wholesale list of MATTHEWS & WILSON, LTD., 101 Great Russell Street, London, S.E.1, now available, gives wholesale prices for all the tablets, pills, lozenges, capsules and suppositories which are official in the B.P., B.C., and N.F. The list is believed by the company to be the only one of its kind to include that information.—Chemists who have not yet received the newly issued catalogue of S. MAW, SON & SONS, LTD., Barnet, Herts, are invited to write to the company for a copy.—The April 1949 price list of ROUSSEL LABORATORIES, LTD., 95 Great Portland Street, London, W.1, gives details of pack prices of the company's hormone and vitamin preparations.—Copies are available on request of a revised edition of the price list of W.B. medical products issued by W.B. BLENKINSOP & Co., LTD., 6 Hietta Place, London, W.1.

**New Packs.**—CHESEBROUGH MANUFACTURING Co., LTD., Victoria Road, Willesden



London, N.W.10, have redesigned the packs for their Vaseline hair tonic and soapless shampoo. The colour scheme for Vaseline soapless shampoo gives the brand name in white on green,

the rest of the printed matter in green on yellow and white horizontal stripes. Vaseline hair tonic is now labelled on both front and back, with the sales message now in white on green and the brand name in green on white. The larger size is issued in a carton and the smaller temporarily issued in a "sleeve."—CONTINENTAL LABORATORIES, LTD., 101 Great Russell Street, London, W.C.1, announce that from May 2 the following tax-free dispensing packs will be available:—Carovit (300 tablets); Carovit (1,000 tablets) (new packing); Codoforme Botol (250 tablets); Entrosalyl (200 tablets); Entrosalyl (1,000 tablets); Taxol (500 tablets); Uralysol granules (16 oz). From April 19 a new 100-tablet pack of Taxol will be available.

## NEOMYCIN

THE discovery of an antibiotic, neomycin (see *C. & D.*, April 9, p. 452), active against streptomycin-resistant bacteria (including streptomycin-resistant strains of *Mycobacterium tuberculosis*) is reported by Waksman and Lechevalier (*"Science,"* March 25, p. 305). The discovery was made in the course of studies on the production of antibiotic substances by microorganisms in which many thousands of cultures were isolated and tested for antibacterial activity. The organism producing neomycin was isolated from the soil and the authors say it is somewhat related to *Streptomyces fradiae*. The culture was grown in various media and the antibiotic removed and concentrated by adsorption and elution methods developed for the isolation of streptothricin and streptomycin. Neomycin is a basic compound, most active at an alkaline reaction. It is thermostable, and soluble in water but insoluble in organic solvents. Preparations of it were found to possess:—(1) Similar activity against both streptomycin-sensitive and streptomycin-resistant bacteria; (2) "considerable" activity (sometimes exceeding that of streptomycin) against various forms of *M. tuberculosis* and other mycobacteria; (3) limited toxicity or none; (4) *in vivo* activity against various bacteria including Gram-positive and Gram-negative organisms, and against both streptomycin-sensitive and streptomycin-resistant organisms. Neomycin is not active against fungi. Resistance to neomycin among organisms sensitive to it developed only to a limited extent or not at all. Crystalline neomycin has not yet been isolated.

## LEGAL REPORTS

**Decolourised Petrol.**—Alleged to have used his professional skill to remove the red colouring from commercial petrol, Edward Crossley Buttress, a colour chemist employed by Clayton Aniline Co., Ltd., Manchester, was fined a total of £200 at Stockport magistrates' court on April 12. Buttress pleaded not guilty. He was disqualified from driving for twelve months, his car was ordered to be kept off the road during that period, and he was ordered to pay £9 gs. costs.

**Possession Granted to Landlord.**—In Belfast Recorder's Court, recently, John Hanna, company director, who brought ejectment proceedings against Albert A. E. Davis, L.P.S.N.I., for possession of a shop and premises occupied by him as tenant at 38 Donegall Road, was granted a decree. It was the plaintiff's case that the premises were let to the defendant under a written agreement in 1920 as a shop and store. Defendant had used the premises as such until recently, when he took up residence in them. The agreement had been destroyed in the blitz. Defendant's case was that the premises were let to him under a verbal agreement. He regarded the premises as being let to him as a shop and dwelling-house. The Recorder held that the premises were let only as a shop, and granted a decree with a stay of six months.

**Nature of a "Tonic."**—At Sutton Coldfield magistrates' court on April 12, James Pope Miller and Francis William Miller, Arden Table Waters, Nineveh Road, Handsworth, Birmingham, pleaded not guilty to a charge of selling an "article of food called Nifty with a label calculated to mislead as to the nature of the said food." Bottles of the mineral waters, which included the word "tonic" on the label, were handed to the magistrates to sample, and pictures of a chorus girl were passed round. The magistrates heard several dictionary definitions of the word "tonic." Prosecuting solicitor said that the inclusion of the word "tonic" on the label would mislead purchasers as to the type of drink which was being sold to them. The public analyst to the Warwickshire County Council had analysed the drink and found that it was composed of: sugar, 1.93 per cent.; mineral matter, 0.02 per cent.; citric acid, 0.014 per cent.; flavouring essences and other solids, 0.003 per cent.; saccharin, 0.007 per cent.; benzoic acid, 0.01 per cent.; and water 97.89 per cent. The an-

alyst, in evidence, said that the amount mineral matter was what might have been found in any ordinary tap water. It was doubtful whether it had been deliberately put there. In his opinion the drink had tonic properties as he understood the word tonic. Defending solicitor said that, just the glamorous girl, whose picture appeared on every label, might be a tonic to a thin business man, "so this drink might be tonic." The magistrates fined each defendant £5, with costs of £3 16s.

## THE WEEK IN PARLIAMENT

MR. J. L. WILLIAMS asked the Secretary for Scotland on April 12 under what regulations it was competent for the officers to serve tenants of shop premises in Scotland with notices to quit, whether such notices were authorised by the sheriff, and what steps were provided to enable tenants who received these notices to appeal.

MR. ARTHUR WOODBURN: It is competent for a sheriff officer on behalf of a landlord to serve a notice to quit on a tenant of shop premises. The notice does not imply any decision by the court, and a tenant who receives such a notice may appeal to the sheriff for a renewal of tenancy, provided that the notice to quit has not taken effect and that application is made within twenty-one days of service of the notice or of the passing of the Act (which received Royal Assent on March 29), whichever period ends the later.

MR. WILLIAMS further asked if the Minister was aware that that type of notice was coming to be regarded as an attempt to stampede tenants into paying the price or the rent asked for, regardless of the protection in the new legislation? MR. WOODBURN replied that in that case his answer might clear away any misapprehension.

## Research on Analgesia

MR. PETER THORNEYCROFT asked Lord President of the Council on April 12 what research was at present being carried on by the Medical Research Council in the administration of analgesia in childbirth; whether research was going on upon the use of Trilene for the purpose; how many types of Trilene apparatus were being investigated; in what hospitals tests were being carried out; and what were the approximate numbers of research workers and amounts of money involved.

MR. HERBERT MORRISON replied that the special committee on the subject had only just been set up. Its first task would be to survey the problem.

# P.A.T.A. ANNUAL MEETING AND REPORT

FIFTY-THIRD annual meeting of the Proprietary Articles Trade Association was in London on April 13, the president (S. W. Hague) in the chair. Moving adoption of the annual report (see below) THE PRESIDENT said pharmacists members of the drug trade today had many preoccupations that there was a tendency to overlook the benefits derived from the P.A.T.A. He reported the Council's action in amending the rules so that "fixed" instead of "minimum" prices would be protected.

THE TREASURER (Mr. L. Barclay) moved adoption of the financial statement. J. E. Goodall seconded the adoption of the report and statement. Mr. A. Timmer expressed the general appreciation felt by the trade for the work done by the P.A.T.A. MR. S. G. STEVENSON complimented the Council on having presented such a comprehensive and satisfactory report. The annual report and financial statement were formally adopted, a vote of thanks to the secretary and moved by THE PRESIDENT, and supported by several members of Council, was made, and acknowledged by MR. H. E. TITMAN. The meeting terminated with a vote of thanks to the chairman, proposed by MR. H. G. MIDDLETON.

## Annual Report

The fifty third annual P.A.T.A. report states that the products of 412 manufacturers were included in the Protected List at the end of the year (ten more than in 1948). Most are represented by entries in the medicinal and surgical section; the 1948-49 issue contains 314 such entries. In Part 2 ("other proprietaries") manufacturers have entries, mostly for toilet, perfumery and cosmetic preparations, infants', invalids' and tonic foods, insecticides, tooth-brushes, shaving brushes, writing ink, plate powder, detergents, rat poisons, weed-killers and furniture cream. During the past few years the manufacturers of a number of products which were protected by the P.A.T.A., were regarded as "unprofitable proprietaries," one by one, been induced to place them on the Protected List.

Membership of the wholesale section now stands at sixty. The Association has extended recognition as wholesale distributors of proprietary articles to more than a thousand other traders who have undertaken

to observe the "wholesalers conditions." The Council are satisfied that the channels of wholesale distribution provided (a) by the wholesale section (which, in the main, supplies the requirements of retail chemists) and (b) the large number of "recognised" wholesalers, are fully adequate to meet all the requirements of the trade. The retail section now includes about 10,750 members (thirty fewer than at the end of 1947), all chemists except a small number enrolled before 1946. The National Pharmaceutical Union collected most of the retail section subscriptions.

## Price Control Arrangements

In May 1948, perfumery and toilet preparations and requisites were removed from the Prices of Goods Act Schedule and transferred to control under the Miscellaneous Goods (Maximum Prices) Order. The arrangement between the Association and the Central Price Regulation Committee whereby the latter recognises the Protected List as a list of "permitted prices" continues to operate smoothly. Necessary price increases are recognised by the Central Committee on the understanding that before they are published the manufacturers give to the Association an undertaking that the increases are calculated in accordance with the terms of the Act. As the year progressed there appeared a tendency to decrease rather than increase the prices of proprietary articles included in the list.

At its July 1948 meeting the Council was informed that, so far as goods included in the P.A.T.A. List affected by it were concerned the Miscellaneous Goods (Maximum Prices) (Amendment) Order appeared to be working smoothly.

The then president (Mr. N. E. Forster), Mr. H. G. Middleton, Colonel S. Watson, Messrs. S. W. Hague, T. Marns and the secretary gave oral evidence before the committee set up to consider the practice by which minimum wholesale and retail prices for the resale of goods are fixed by producers and its effects on supply, distribution and consumption, and to report whether any measures are desirable to prevent or regulate its continuance; and, later, submitted supplementary written evidence. While the Re-sale Price Maintenance Committee was engaged in its investigations, the Monopolies and Restrictive Practices (Inquiry and Control)

Act, 1948, was passed. The Act provided for the setting up of a "Monopolies and Restrictive Practices Commission" to inquire into "mischiefs resulting from, or arising in connection with any conditions of monopoly or restriction or other analogous conditions" respecting trade and industry, with a view to ascertaining whether, in the Commission's view, such "mischiefs" operate or may be expected to operate against the public interest. During the course of the debate on the Monopoly Bill the President of the Board of Trade (Mr. Wilson) stated that it might be found desirable for the Commission to be asked to look into the question of price-maintenance. The future operation of the price-maintenance system in pharmacy and the drug trade, says the P.A.T.A. report, may possibly be influenced by the report of the Re-sale Price Maintenance Committee and the activities of the Monopolies Commission.

#### Approach to Chancellor

In December 1948, the Council submitted to the Chancellor a reasoned statement dealing with certain oppressive aspects of purchase tax and the incidence of its collection, and pressed for amelioration of the conditions enumerated.

During 1948 the price-cutting position showed no material change. Towards the end of the year the threat of price-cutting following the accumulation of stocks in the hands of certain retailers had to be dealt with. The uncertainty of the purchase tax position and the decreased spending power of the public were the alleged causes for the accumulation of goods. Much attention was paid during the year to those co-operative societies that were found to be allowing dividend with sales of P.A.T.A. articles. A large number of traders placed on the Stop List for "cutting," having signed the appropriate agreement, were removed from the List. During the year the Association's outdoor staff paid approximately 1,700 investigation and inquiry calls and made a similar number of test purchases. It has been decided to add to the value of the 1949-50 and subsequent issues of the P.A.T.A. List by including an alphabetical list of P.A.T.A. proprietary articles.

Two members of Council resigned office during the year—Mr. C. H. Ratcliffe and Mr. W. S. Howells. Mr. Ratcliffe, who had been a member of the

manufacturers' section for twenty-five years and president of the Association in 1934, was elected an honorary member of Council in recognition of his services. Mr. Howells had represented the retail section since 1934 and was president in 1947. At the election in December 1948, there was no contest. In the manufacturers' section Foster-McClellan Co. did not seek re-election and the vacancy was filled by the London and Midland Counties Drug Co., Ltd. The vacancy in the retail section occasioned by the retirement of Mr. Howells was filled by the co-option of Mr. H. G. Moss.

The Association's income and expenditure account for the year shows that membership subscriptions totalled £10,700 (£3 less than in 1947). Of this manufacturers subscribed £3,324, wholesalers £3,362, and retailers £4,031. Total revenue from manufacturers dropped £80 and from retailers by £11. Receipts from wholesalers increased by £100. Donations from manufacturers and retailers amounted to £875. The balance of income over expenditure stands at £113 (a decrease of £113). The financial position of the Association, says the report, while sound, indicates that if income is maintained on its existing basis, there is no margin to meet from it any unusual or emergency expenditure that may be incurred. A year or two ago the Council mentioned that the subscription rate (which, with the exception of the wholesalers, have remained unchanged for thirty years) might have to be reviewed. Such review may well be necessary in the near future.

#### Meeting of Council

A quarterly meeting of the P.A.T.A. Council was held on April 13 before the annual meeting, THE PRESIDENT (Mr. S. J. Hague) in the chair. The president welcomed Mr. H. G. Moss who had been co-opted to fill a vacancy in the retail section occasioned by the retirement of Mr. S. Howells.

#### P.A.T.A. "Fixed" Prices

THE PRESIDENT reminded the Council that a statement submitted by the P.A.T.A. to the Resale Price Maintenance Committee in 1948 had contained the following paragraph:

"The Association has not found it necessary to provide by express rules for fixing maximum prices to be charged by retailers and wholesalers. Even before the Price Control Acts the minimum

es were in practice treated as maximum prices, and on the comparatively rare occasions when the Association's attention has been drawn to cases of retailers charging prices higher than the Association's minimum retail prices, the Association has used its influence to secure that the minimum retail price shall not be exceeded. A proposal to amend the rules to provide that the prices set out in the Protected List shall be, if they are in effect at present, fixed retail prices will be laid before the Council of the Association at the next convenient opportunity."

To complement this undertaking, it was proposed to make the necessary amendments to the Association's rules, by deleting from rules 35, 36, 43 and 45 the word "minimum" and substituting for it, where required, the word "fixed." The president said that the effect would be to give the Council power to treat overcharging of P.A.T.A. fixed prices as a breach of the rules; although such overcharging happened, it was desirable that the Association should have power to deal with it. He moved that the rules, as amended, should be adopted. The motion was carried by Mr. N. E. FORSTER and carried by a unanimous vote of the Council.

The Council considered replies received from manufacturers to a request for their views on a suggestion that all proprietaries named in the protected list should bear a distinguishing mark or seal enabling retailers to identify the products as P.A.T.A. articles. The replies showed that while many manufacturers were in favour of, or willing to adopt the suggestion if they were recommended by the Council to do so, an approximately equal number regarded it as either impracticable or, for various reasons expressed, undesirable. The Council agreed that any system of marking would be useless unless applied to the products of all manufacturer members, and decided not to recommend its adoption.

THE SECRETARY stated that as there had been no change in purchase tax rates, the printing of the Protected List and Year Book 1949-50 would be expedited. The Council considered that the alphabetical list of P.A.T.A. articles (now in proof form) would be a valuable addition to the Year Book. The Council agreed to review the present subscription rates at its July meeting.

## MR. GRAHAM REVIEWS N.H.S.

MR. H. M. GRAHAM (chairman, National Pharmaceutical Union) reviewed the first six months of the National Health Service at a meeting of the Durham County branch of the Pharmaceutical Society recently. Visits he had made to pharmacies in parts of the country as a member of the Working Party had, he said, greatly increased his opinion of pharmacists. Even at a time many had been actively preparing for the coming of N.H.S. Only a few had any resentment been expressed at the questions asked by members of the Working Party. It had sometimes been necessary to travel 100 miles to make one call, and once, in Cornwall, it had been possible to make only a single call in a day. He thought that the pricing of private prescriptions had generally been fair. The chairman of the Working Party (an actuary) had come to the conclusion, at the end of the tour, that pharmacists were under-paid, and he had concluded to work on their behalf.

The present rate of prescriptions, said Mr. Graham, was about 180 millions per year against an estimate of 140 millions. In a full year of N.H.S. the rate would probably be about 160-170 millions per year. Container fees would cost

£1,600,000 per year, and the Ministry of Health wanted to cut the cost to, at most, £1,000,000. Renewal of the deposit scheme had been suggested but the negotiating committee thought a cut in the allowance for containers might prove more satisfactory.

Delay in the payment of accounts was "a headache to all." The Ministry considered that any increase in pricing staffs would represent non-productive labour and therefore a waste of man-power. Many offices, for example that at Durham which was pricing 1,500,000 prescriptions a month with a staff of fifty, were working under difficulties. The proportion of over-2s. 6d. prescriptions had proved larger than expected. Mr. Graham thought present fees complicated and difficult to remember. A complete change in method was necessary and was being considered.

In discussion, the present method of sorting into bundles was criticised as causing the pharmacist unnecessary work, and many members objected to the testing scheme, particularly as doctors' dispensing was not to be tested. Mr. Graham assured members that the testing scheme implied no doubts of the chemist's integrity; he thought it fair and the limits reasonable.

## COUNCIL CANDIDATES

NOTES on the careers of and brief statements of policy by the twenty candidates for election to the Pharmaceutical Society's Council are being given in this and succeeding issues. Voting papers must be returned by May 18.

### BLACK, Hugh Lindsay Stirling

SERVED apprenticeship with late Mr. A. N. Bowman, Anstruther, Fife, a business at which all galenicals were made. Won Military Medal in 1914-18 war. For the past thirteen years has been manager for Boots, Ltd., Kingston-on-Thames. Actively associated with and a past-president of Thames Valley Pharmacists' Association. Member of Surrey Pharmaceutical Committee. Vice-president, local Rotary Club. A past-chairman, Kingston Round Table.

**POLICY:** I have accepted nomination as I consider that a better understanding and co-operation should exist between employer and employee for the good of pharmacy in general. Having had experience of pharmacy in every kind of shop from the small, individually owned unit to the very large, I am well aware of the difficulties and problems of both sides. I feel that the employee, who represents a large proportion of all qualified pharmacists, should be represented on the Council and, should I be elected, I will support any proposal which is for the betterment of pharmacy. It will be my earnest endeavour to keep remuneration commensurate with increasing duties and responsibilities.

### BRYDSON, William Callis

AGED forty-five. A native of Kegworth, Leics. Apprenticed with Boots, Ltd., Loughborough. Won Jesse Boot scholarship, 1924. Qualified from University College, Nottingham, 1925. Manager for Messrs. Boots' branches at Brentford, Ealing and, finally, Palmers Green, London. Chairman, Southgate and Wood Green Division, North Metropolitan Branch of the Pharmaceutical Society.

**POLICY:** (1) To secure recognition of the fact that, as salaried pharmacists perform a substantial portion of the country's pharmaceutical work, they have a contribution to make for the good of the profession and should have a voice in shaping its policies. (2) To support all reasonable steps to retain dispensing in pharmacy. (3) To support all reasonable steps to retain pharmacy for the pharmacist and to

oppose any recognition of "technical assistants" which could be considered harmful to the profession. (4) To endeavour to keep in close touch with the ideas and feelings of salaried pharmacists so that their viewpoint could be clearly expressed at the Council table during what is likely to be both a fluid and a formative period in the history of our craft.

### DOWTY, Joseph Masters

BORN to a family of pharmacists (father Mr. W. Dowty, Pershore), qualified in 1909. Observed the then economic conditions of employee pharmacists (long hours, low wages, lack of any social life) and decided to devote himself to improving the economic and professional status of pharmacy. Organised an Association of Employed Pharmacists and in 1909 was elected first president (activities of the association were interrupted by the 1914-18 war, one object was achieved: pharmacy employees obtained recognition under Shops Hours Acts). Took over a business in Southampton in 1919. Has held office in local branches of the Society, the National Pharmaceutical Union and the Proprietary Articles Trade Association. Ten years chairman of the Pharmaceutical Committee, Southampton and Hampshire. Presently chairman of the Pharmaceutical Committee, member of local Executive Council and Council delegate to National Association of Executive Councils.

**POLICY:** I have fought and will always continue to fight for pharmacy for the pharmacist. I am opposed to any dilution of the profession with semi-skilled labour in any form. Similarly, I object to the status of pharmacist being linked with adjectives such as "qualified," "dispensing" or "assistant." I consider that, with the development of N.H.S., and the extension of health centres, it is essential to have members of the Council, men who are in day-to-day touch with the dispensing work and who are members of their respective Executive Councils. In my opinion that the Society should be concerned with the economic conditions of its members no less than with education. I shall continue to fight for commissionary rank for pharmacists in H.M. Forces.

### FOSTER, Bernard

QUALIFIED 1929 from Royal Dispensary, Edinburgh. Has had varied experience in private and company pharmacy and is

a manager for Boots, Ltd. Out-chairman and formerly secretary for 15 years of Hull Chemists' Association. Member of Appeals Tribunals, Trades Union Congress, National Union of Labour, Health and Pensions. Policy: Employed pharmacists, numerically, form a very large section of the profession, but at present represented on the Council. The Council would therefore be unrepresentative and better balanced if it were to be adjusted. It is with the object of presenting their points of view and protecting the interests of employed pharmacists that I offer myself for election.

#### FOUR, John

APPRENTICED in Wigtown, Scotland. Joined 1908. National Officer, Association of Pharmaceutical Employees (section of Shop, Distributive and Allied Trades); member of Standing Pharmaceutical Advisory Committee (National Health Service); vice-chairman, National Industrial Council for Retail Pharmacists; secretary, Joint Trade Union Committee for Drug and Fine Chemical Trade. Policy: Over a period of years I have endeavoured to enhance the professional and economic status of the pharmacist and to advocate standards of remuneration commensurate with responsibilities and to ensure that I am of the opinion that exclusion of retail pharmacist employee from the Government Whitley scheme—intended in Australia as a source of co-ordination at the national level—is inimical to the best interests of pharmacy. Until the pharmacist is regarded as the person providing the service he will be at a professional disadvantage and may in the future be instructed to take part in changes over which he should have the least control. I think that increased vigilance on the part of the Pharmaceutical Society may be necessary to safeguard the future of his status. I think the "dispenser" has an entitlement to a fair examination of his problems and, however, must not impair the status of a qualified pharmacist.

#### FIFTH, Joseph Lovell

APPRENTICED 1928. Ten years with Savory Moore, Ltd., London. Proprietor of Ham & Clark, Cheltenham. A director of United Chemists' Association, Ltd. Member of the Executive Council and Chairman of the Pharmaceutical Committee, City and County of Gloucester. Has all of the offices in the local branches of the Pharmaceutical Society and of the

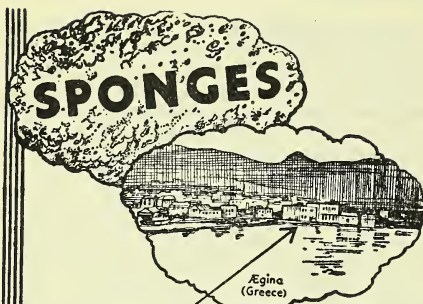
National Pharmaceutical Union. Holds Therapeutic Substances Act licence for making penicillin injections.

POLICY: We are at the beginning of a new era in pharmacy and should be doing our utmost to cause things, as we find them, to work. The good pharmacist will tackle all problems, meet medical men on equal terms, and not hide behind a screen making cachets and pills. Therefore all "unqualified" staff should be classified and, to some extent, organised. The pharmacist should be held responsible and should accept responsibility in his own right. Educational policy should enable a pharmacist to know the products he handles and to talk intelligently about them. A problem to be tackled is whether the pharmacist should go into the health centres now as a professional man, side by side with the doctor and dentist, or whether, when the health centres are established, he should be forced into them—once again as the Cinderella.

#### SIXTH, Jean Kennedy

APPRENTICED in retail. Qualified assistant with Glasgow Apothecaries Co., John McMillan, Glasgow, and Glasgow Royal Infirmary. Recently Superintendent, South-Eastern Pricing Office. A member of Council since 1937 (vice-president, 1946-47, and president, 1947-48). A past-president, National Association of Women Pharmacists. Formerly member of the Committee of Inquiry of the Central Pharmaceutical War Committee.

POLICY: The Pharmaceutical Society must control anything that affects the qualifications, functions or privileges that are, or should be, restricted to pharmacists. It should not be possible for wholesalers to supply scheduled poisons to persons not authorised to retail them. The National Health Service has brought an enormous increase in the number of prescriptions dispensed by pharmacists. There must be no dilution of pharmacy by untrained, unqualified persons. Half the pharmacists taking part in the Health Service have no say in shaping or directing the policy on which the success of the Service depends. The employed pharmacist should be given the status to which he is entitled by reason of his qualification and his personal responsibility as a pharmacist. The Constitution of the Society must be brought into line with modern requirements. Pharmacy in the Navy, Army, Air Force, and in the Public Service, should have a professional establishment, with proper recognition.



The Warehouses of Cresswell Brothers and Marks.

We have warehouses at Aegina, Greece, and are represented at all major centres of the Sponge Industry throughout the world. Your enquiries will receive our courteous, prompt and knowledgeable attention.

B.I.F. Visit our STAND No. D.54  
OLYMPIA (Ground Floor) May 2-13

**CRESSWELL BROS. AND MARKS**

(INTERNATIONAL SPONGE IMPORTERS LTD.)

5A, BUCK STREET, CAMDEN TOWN, N.W.1

PHONE GULIVER 5462-3 GRAMS SPONGE, NORWICH, ENGLAND

**RESUFLIN**

ASTHMA  
TABLETS.

("Re-suf-lin")

for ASTHMA, BRONCHITIS, EMPHYSEMA

Please order through your Wholesaler

Resuflin Ltd., 7 Pall Mall, Manchester 2



**RANKIN BROTHERS & SONS**

(RANKINS PARTNERS, LTD.)

139 BERMONDSEY STREET, LONDON, S.E.1

for DISPENSING

**CORKS**

OWNERS OF THE FINEST  
CORK FORESTS IN PORTUGAL

**BURROUGH'S  
ABSOLUTE  
ALCOHOL**

Cale Distillery  
London, S.E.11

**TRAGACANT**

SPECIALISTS IN B.P. POWDERS

SAMPLES AND PRICES ON REQUEST

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane

LONDON, E.C.3

MANALON House 1924 & 6600.

Estd.



**SONG**

For TRAVEL SICKNESS  
on Air, Land or Sea

VANDRE LTD., GLASGOW

**STANDARD  
SYNTHETICS**

L I M I T E D

Actual distillers of Essential

Manufacturers of Aromatics, Perfumes

Bases and Flavours.

We specialise in Cinnamon Bark

Juniper Berry Oil, W

green Oil, Eucaly

French Lavender Oil

peneless Lemon Oil,

Perfumes, etc.

76 Glenthams Rd., Barking

London - - S.W. 19

Telephone :- Riverside 3616

**INFORMATION WANTED**

The Editor would appreciate information  
about suppliers of the following items

Leslie's metal combs

Butopont vitamin tablets

Nicol cement

Linemol for rheumatism



# The CHEMIST AND DRUGGIST

RETAILER—WHOLESALE—MANUFACTURER

ESTABLISHED 1859

Deals throughout the Pharmaceutical,  
Medical, Drug, Essential Oil, Perfumery,  
Cosmetic, Toilet Preparation and allied  
Trades throughout the World

Official organ of The Pharmaceutical  
Society of Ireland, The Pharmaceutical  
Society of Northern Ireland, The Chemists'  
Druggists' Society of Ireland and of  
Chemists' Societies in the Empire.

CLIC APRIL 23, 1949 No. 3809

## A Good Investment

THE value of the rôle played by the Primary Articles Trade Association in the working of the Prices of Goods Act and the Miscellaneous Goods (Maximum Prices) (Amendment) Order has been acknowledged by manufacturers, wholesalers, and retailers. It is inevitable that the price-cutting work recorded in the Association's fifty-third annual report should be little unspectacular: its main task in this sphere now lies in maintaining the position, achieved over the years, of the sale of proprietary articles at low prices is rare. Maintaining such a position, however, is in itself no light task, and it should not be taken for granted; it has involved the making of about 1,700 inquiries by members of the P.A.T.A. staff, and it is clear that another epidemic of price-cutting might easily break out. Other possible threats to the price security, enjoyed at present by chemists as the result of P.A.T.A. activity, may come from the re-introduction of the Re-sale Price Maintenance Committee and the Monopolies and Restrictive Practices Commission. To these dangers the P.A.T.A. is alert and chemists can be rest assured that the case for price protection of the lines they sell has been being energetically put forward. It should be noted that, through an amendment to the rules, the P.A.T.A. protected now refers to "fixed" prices, instead of formerly, to "minimum" prices, so that it is a breach of the rules to charge less than a fixed price, as well as less.

The change has been made to implement an undertaking given in a statement made to the Re-sale Price Maintenance Committee. The Association's report contains a hint that subscription rates (which, except for wholesalers, have remained unchanged for thirty years) may have to be increased. Even if this should prove necessary, all will agree that membership of the P.A.T.A. represents good value for money.

## Official Parsimony

THE salary scale for pharmacists which the Admiralty proposes to introduce ("after prolonged discussions and ultimate disagreement") and that for prison pharmacists (agreed "after nearly three years of discussion") (see p. 539) are examples of official parsimony that will disappoint civil service pharmacists and discourage potential recruits to these small but important branches of the profession.

Although, on paper, London Admiralty pharmacists will receive £380 per annum—a salary that bears little relation to the cost of training or responsibilities of a pharmacist—the Admiralty, in fact, employs no pharmacists in London. Male Admiralty pharmacists in Britain, therefore, will commence on a provincial scale at £360 per annum, while women will receive even less.

Efforts to raise the salaries of Admiralty pharmacists (who have duties as medical stores officers in addition to purely pharmaceutical work) commenced in 1946, when the Institution of Professional Civil Servants made a claim to the Treasury for including pharmacists in the salary scale for experimental officers. After several months the claim was rejected. (Experimental officers normally join the service at the age of eighteen years, and possess the Higher Schools Certificate.)

Formal discussions with the Admiralty commenced in January 1947, and the Institution has claimed with good reason that pharmacists should receive the executive scale of salary (slightly higher than that for the experimental officer) because of their dual pharmaceutical and stores-officer responsibilities. Pharmacists on the lowest grade would start at a point determined by age on a scale rising to £650 per annum, while higher grades would commence at

£675 and £850 per annum. The Admiralty has refused this claim and in January 1949 made its final offer. The Institution is still awaiting notification of the date when the proposed scale is to operate.

It is difficult to believe that no-one at the Admiralty with the necessary authority understands the pharmacist's qualifications and duties, or his need for (a) a salary commensurate with his responsibilities and (b) a reasonably early settlement. To try to enforce the proposed scale, therefore, would seem tantamount to exploiting the patience and sense of duty of these public servants.

### Scottish Streptomycin Trials

AN interim report on the use of streptomycin in tuberculous meningitis published by the Scottish Scientific Advisory Committee summarises knowledge on the treatment of this hitherto fatal disease and describes a number of variations in technique. Though the total of cases treated (eighty-one, in five centres) was hardly large enough to enable significant deductions to be made, the general picture was similar to that described by Tuberculous Trials Committee of the Medical Research Council in 1948 (see *C. & D.*, 1948.I.598). It is, however, noteworthy that 8 per cent. more (i.e., 44 per cent.) of the patients were alive after four months' treatment in the Scottish observations than in the previous M.R.C. trials. All the patients under treatment received the drug by intramuscular or intrathecal routes, but the dosage schedule had frequently to be modified on account of the clinical state and psychological reaction of the patient. It was found that the interval between injections could be lengthened to twelve hours without diminishing the effect of the drug, and the reduction in the number of injections greatly lessened the distress of the patient.

Dosage by intrathecal injection varied more than that by the intramuscular route. Special care of the skin in the lumbar region was necessary when using that route, and irritating antiseptics and local anaesthetics are regarded with disfavour. When spinal block occurred the drug was, in some cases, injected through cranial burr-holes into the ventricles; in others the cisternal route was employed. Heparin

was used in an attempt to avoid occurrence of spinal block but was discontinued later because of the difficulty in obtaining a suitable mixture with streptomycin, and the lack of evidence of benefit. Toxic effects noted were, in order of frequency: Fever, vertigo, rash, vomiting, deafness and nephritis. Best results occurred in the age group four to seven years, and early diagnosis materially improved the prospect of recovery. Final conclusions must await an extended period of follow-up.

### Outside the Free List

FREEDOM from ill-health—not one of original "four freedoms"—is obviously a goal of national health schemes whether in this country or elsewhere. Does it entail an attack on other liberties? In Australia the Minister for Health and Social Services (Mr. McKenna) holds that the Pharmaceutical Benefits Act—under which a chemist claims payment from the Government for prescriptions dispensed under the scheme—allows full discretion to the doctor as to whether or not he prescribes from the official 600-item formulary. The British Medical Association in Australia, on the other hand, disputes this. The Association contends that, since the patient has to pay for any medicines that are not accorded to formulary, either the hands of the prescriber are tied or he must incur the disapproval of his patient. The objection is strongly held that the dispute between Government and profession is being referred to the High Court for a ruling. Since June 1948, when the Act came into operation, only 117 doctors have prescribed under the Act, and over half of that number have returned the formulary that they received by post from the Ministry. There are other points of difference into which it is not necessary to enter in detail. The effect of them seems to be, in sum, that the Australian doctors are even more afraid of becoming nationalised than were their opposite numbers in Britain, and are acting correspondingly uncompromisingly. The Government is equally firm in its attitude that to allow the medical profession to continue disregarding the Act would be to break faith with the electors.

# TRUSSES AND THEIR FITTING

## —Deceptive Similarities to Hernia

THE correct handling of the patient involves also the question of knowing and identifying certain deceptive resemblances that can complicate truss fitting. For these there must be a constant out. A number are what might be "pseudo-hernias" — that is, swellings that appear in or near the usual hernia and have all the appearance of hernia but on closer examination are found to be disabilities of an entirely different character. As such, they will, of course, not lead to the application of a truss; in the pressure of a truss may be painful, even dangerous. It is of obvious importance, therefore, for the appliance fitter to have some knowledge of the "pseudo-hernias" or at least to be able to distinguish between them and hernias.

### Examples of Pseudo-hernia

Those most likely to be met with are listed below, together with the hernia in which they may be found, followed by a brief description of each.

#### INGUINAL AREA:

Swollen glands

Undescended testicles

#### FEMORAL AREA:

Swollen glands

Torn or wrenched muscles

Varicose veins

#### SCROTAL AREA:

Varicocele

Hydrocele

Enlarged testicle

Spermatic cysts

**SWOLLEN GLANDS** usually feel harder than a hernia; they cannot be reduced, give no impulse on coughing, and are not particularly painful if they are pressed or rubbed.

**UNDDESCENDED TESTICLE** (a congenital malformation) is less hard than swollen glands, and feels more like a hernia, but is more slippery, but gives great pain immediately any pressure is put upon it and attempts to reduce it.

**WRENCHED OR TORN MUSCLE** in the femoral region is usually much more elongated than a femoral hernia and, of course, cannot be reduced; it may or may not be tender to touch.

**VARICOSE VEINS** often appear in a large vein at the top of the thigh, though not in a position more towards the femoral than the expected site of a femoral

hernia. The veins are also, of course, slightly bluish in colour.

**VARICOCELE** is a varicosed condition of the veins of the scrotum that sometimes causes considerable enlargement of that sac, giving a close resemblance of a scrotal hernia. Such varicosed veins can be fairly easily distinguished, however, for when grasped they feel just like a bunch of worms.

**HYDROCELE** is a collection of fluid in the scrotum that gradually enlarges it to a most uncomfortable and painful size and has to be relieved periodically by a surgeon by puncturing with a trocar and canula. It is at times extremely difficult to distinguish a large hydrocele from a large irreducible scrotal hernia, and if there is any doubt it is advisable to send the patient back to his doctor for confirmation. In either condition, moreover, a bag truss would be needed, and these are not now permitted on E.C.10 scripts.

**ENLARGED TESTICLE** sometimes gives the scrotum an appearance of containing a hernia, but it is not difficult to diagnose the difference, provided the patient is in possession of both testicles, in which case the question is merely one of ascertaining if the other, smaller, organ is present. The enlarged testicle will be tender and painful if squeezed in an attempt to effect reduction, and will feel rather slippery.

**SPERMATIC CYSTS** are fibrous or fluid-filled enlargements of the spermatic cord. They may be painful if mistaken for a hernia and squeezed, and therefore may be mistaken for testicles. Whether any such mistake has been made becomes obvious so soon as it is realised that there are more bodies present in the scrotum than there should be. At that point there is little likelihood of mistaking them for a hernia because they are usually separate and distinct growths, without any thick connecting neck up to the inguinal canal such as a hernia would have. A warning is given that, of the above, varicocele, hydrocele and enlarged testicle may be found to be present in addition to a hernia, in which case it is only possible to use one's best endeavours to relieve the hernia, leaving the other condition for the attention of the doctor.

**"Productivity Pays."**—A booklet entitled "Productivity Pays" has been prepared by the Treasury's Economic Information Unit and the Central Office of Information.

## PHARMACEUTICAL SOCIETY OF IRELAND

MR. P. A. BRADY (president) was in the chair at the April meeting of the Council of the Pharmaceutical Society of Ireland. Also present were Messrs. T. C. Scott (vice-president), J. Gleeson, H. P. Corrigan, G. C. O'Neill, M. Costello, P. Brooke-Kelly, A. A. Toher, R. Daly, M. Power, T. B. O'Sullivan, F. X. Meagher, J. P. Kissane, C. J. Cremen, J. A. O'Rourke and Senator F. Loughman. Apologies for absence were received from Messrs. P. C. Cahill and C. D. O'Shea.

### Pharmaceutical Chemists in the Forces

Members of the Council were appointed as visitors to the forthcoming Licence and Assistants' examinations. A letter from Dr. T. F. O'Higgins (Minister for Defence) said that he had considered the further representations put forward by the Council on behalf of pharmaceutical chemists holding commissioned rank in the Forces, but he could not at present consider any increase in the additional pay of 2s. a day issuable to such officers. On the basis on which additional pay of £180, £150 and £120 per annum was issuable to medical and dental officers, veterinary officers, and legal, engineering, etc., officers, respectively, said Dr. O'Higgins, pharmaceutical chemists holding commissioned rank would really be entitled to additional pay at much less than the rate of 2s. per day (or £36 10s. per annum). It was pointed out that during his apprenticeship a pharmaceutical chemist was in paid employment.

### Comparison with Engineers

A married captain pharmaceutical chemist would receive £667 4s. 7d. total annual pay and allowances which, said the letter, bore a higher relation to the annual pay and allowances of an engineer officer (£750 14s. 7d.) than did the normal remuneration of a pharmaceutical chemist to that of an engineer in outside employment. A regulation to be promulgated shortly would not prescribe any normal qualifying periods of service for eligibility for promotion to the next higher rank for any class of officers, to fill vacancies in establishments, and it was not proposed to have altered the existing regulations affecting the normal retiring ages for pharmaceutical chemists holding commissioned rank. The Council decided to send a further reply to the Minister putting the Council's point of view on certain portions of the letter.

The Council recorded its thanks to G. Stockwell, Dublin, who had presented a leech jar to the Council's collection. Richard F. Timoney wrote to thank the Council for his appointment as examiner to the Registered Druggist examination application by Mrs. Elizabeth A. McNamara (née Hayes), L.P.S.I., requiring change of name in the register, granted. Preliminary registrations were notified for Daniel O'Sullivan and M. P. Gildea. The registrar (Mr. James Coleman) reported on the deaths of Edmund Joseph Toomey, L.P.S.I., Mr. William Boulton Conyngham, L.P.S.I.

The following changes of address were notified: Miss Brenda Yates, M.P.S.I., 65 Hyde Road, Dalkey, co. Dublin; Laurence P. Pelly, M.P.S.I., to 26 saugh Avenue, West Cabra, Dublin; Mary B. Hogan, L.P.S.I., to 136 N. Strand, Dublin; Mr. T. G. Griffin, L.P.S.I., to 3 Fowey Avenue, Ilford, Essex; Morris Price, L.P.S.I., to 3 Lytton C. Hampstead Garden Suburb, London; Mr. W. G. Whittaker, L.P.S.I., to 100 Rick Street, Cork; Mr. W. J. Gibson, Shrewsbury Park, Balmoral, Belfast; Edward Duffy, to 101 Dingle Road, Cahill West, Dublin.

### Veterinary Preparations

The reports of the House, Law, School and Education Committees were submitted and approved. The licence certificate of Joseph D. M. Delaney was signed and sealed. Mr. John J. Gaynor (law adviser) wrote forwarding a copy of a letter received from the Department of Health in connection with the sale by chemists of veterinary penicillin preparation. After a lengthy discussion the Council decided to take the matter up with the company concerned.

The following were elected members of the Society: The Misses J. M. Clam, M. P. Neavyn, K. McCarthy, and Messrs. W. P. Bannan, P. J. Foley, F. P. M. Donnell, K. O'Shaughnessy, M. Moran, and J. D. O'Byrne. The following were nominated for membership: Miss Mary Hogan, Dublin, and Messrs. Nicholas Mockler, Thurles, co. Tipperary, and J. T. McLoughlin, Ballina, co. Mayo.

### Sales by Holders of "1908 Licences"

MR. POWER initiated a discussion on abuses reported to have been committed by non-chemist traders under the 1908 Act.

of the holders of such licences, he seemed to think they were entitled to any poison. He suggested that a setting out what they were entitled to sell under the Act should be sent to the President. The President said there was considerable difficulty in obtaining the names of such licence holders from the county councils, and Mr. Kissane corroborated Mr. BROOKE-KELLY said that holders of "1908 licences" kept no record of poison sales. He had seen sheep dipped out with nothing on the pack to indicate the seller. MR. DALY said he had seen sheep dip displayed in a winch baby food and meat. MR. CREIGHTON thought the matter could best be dealt with by the local associations of the Pharmacy Association. Where chemists organised themselves and had made applications for new licences had been refused. MESSRS. GLEESON and KISSANE supported Mr. Cremen. SENATOR LOUGH-

MAN said there was a clause in the Act stating that licences should not be granted where the reasonable needs of the community were already provided for, but the county managers had lost sight of it. He thought that county managers should be reminded and, if necessary, a request could be sent from the I.D.A. to the local chemists in each area to call on the county managers. MR. TOGHER thought there should be little difficulty in getting lists of licence holders; they were all available at county offices or courthouses. MR. SCOTT said since the matter was concerned with pharmacy law, action should come from the Council. It was decided that the registrar should communicate with the secretaries of the local associations with a view to getting the names of "1908 licence" holders all over the country.

At a meeting of the Benevolent Fund Committee several grants were passed for payment.

## DIAMORPHINE LINCTUSES

Ministry of Health has agreed with the medical profession that, from May 1, 1949, linctus diamorphinæ or linctus diamorphinæ, N.[W.]F., shall be added to the amended British Pharmacopoeia Codex formulas given below. A linctus diamorphinæ, N.[W.]F., must write the name in full. The amendments to Part I (Formulary) of the Codex are:—  
1291 to 1293: delete the monographs as amended by Supplements 2 and the following preparations:—

linctus diamorphinæ  
linctus diamorphinæ camphoratus  
linctus diamorphinæ cum ipecacuanha  
linctus diamorphinæ et scillæ  
linctus diamorphinæ et thymi.

ert:—

### LINCTUS DIAMORPHINÆ

(Linct. Diamorph.)

Linctus of Diamorphine

	Metric	Imperial
Diamorphine Hydrochloride ...	0.9 g.	1/20 gr.
... ..	333.3 mil	20 m.
... ..	333.3 mil	20 m.
and Solution of Tartrate ...	12.5 mil	3/4 m.
... ..	to 1000.0 mil	to 60 m.

Dissolve the diamorphine hydrochloride in a compound solution of tartrate, add the oxymel, the glycerin, and the syrup to produce the required volume.

Dose: 2 to 8 millilitres (30 to 120 minims).

### LINCTUS DIAMORPHINÆ ET HYOSCYAMI

(Linct. Diamorph. et Hyoscy.)

Linctus of Diamorphine and Hyoscyamus

	Metric	Imperial
Diamorphine Hydrochloride ...	0.9 g.	1/20 gr.
Tincture of Hyoscyamus ...	75.0 mil	4 1/2 m.
Emulsion of Chloroform ...	75.0 mil	4 1/2 m.
Syrup of Tolu ...	150.0 mil	9 m.
Syrup of Wild Cherry ...	150.0 mil	9 m.
Glycerin ...	to 1000.0 mil	to 60 m.

Mix the tincture of hyoscyamus with the emulsion of chloroform and dissolve the diamorphine hydrochloride in the mixture; add the syrup of tolu, the syrup of wild cherry, and sufficient glycerin to produce the required volume.

Dose: 2 to 8 millilitres (30 to 120 minims).

p. 1438: delete the monograph on syrupus codeinæ phosphatis as amended by Supplement 2, and insert the following monograph:—

### SYRUPUS CODEINÆ PHOSPHATIS

(Syr. Codein. Phosph.)

Syrup of Codeine Phosphate

	Metric	Imperial
Codeine Phosphate ...	5 g.	22 gr.
Water ...	15 mil	72 m.
Syrup ...	to 1000 mil	to 10 fl. oz.

Dissolve the codeine phosphate in the water and add sufficient syrup to produce the required volume.

Dose: 2 to 8 millilitres (30 to 120 minims).

## MECHANISED ACCOUNTING FOR THE SMALLER MANUFACTURER

**T**O the smaller manufacturer the installation of a mechanised accounting system is an economic proposition only if the machine selected is capable of carrying out the whole of the accounting work of the business, including the work of both the sales and the manufacturing sections. An all-purpose accounting machine with adding machine keyboard, typewriter and an easily changeable control or form bar, plus many automatic features, enables smaller companies to enjoy economically the proved advantages of mechanised book-keeping systems. A complete accounting system might embrace the following applications on the sales side: Invoicing, sales analysis, sales ledgers and statements, receipt writing, purchase ledger with remittance advice and cheque writing. On the manufacturing side, wages, stores and cost records could be handled on the same machine.

### Adding and Typewriting Machine

A machine with both adding and typewriter keyboards provides a speedy invoicing medium, both figures and letters being written by the fastest method. The typewriter keyboard is used to enter the name and address of the customer, order numbers and dates, delivery instructions and other necessary particulars, followed by the description of the goods. All figures are entered from the adding machine keyboard, so that the printing of ciphers and punctuation and selection of pounds, shillings and pence columns is carried out automatically. As each item is entered, the amount is stored by the machine, so that when the invoice has been completed the total may be printed by pressing a single motorised key on the machine. If trade discounts or other items have to be deducted, or carriage, etc., added, the machine will print the value of the goods, make the necessary addition or subtraction, and enter the invoice total at the foot of the items, all entirely automatically. During the invoicing operation a grand total of invoices is accumulated, which may later be used in proving the correctness of debit postings to the sales ledger.

All invoices should, for preference, be serially numbered, and this is usually done by the printers. Where that has not been done, a hand numbering stamp may be used. When the invoices are serially num-

bered there is no danger of invoices suppressed or mislaid before they reach the sales ledger, and a list can be made of each machine showing the number and amount of each invoice. For audit purposes the list becomes a sales day book, against which invoices can be checked.

### Mechanised Sales Ledger, etc.

With a mechanised sales ledger statement, ledger account and sales book may be written on the machine in one operation by means of carbon. The statement is always posted with balance outstanding, and is therefore to be dispatched at any time. The account is a carbon replica of the statement, and must be identical in every respect. Mistakes cannot, therefore, occur as a result of discrepancies between the statement and statement, nor is any time lost in correcting such errors. The machine is provided with special automatic features such as an automatic date-printing device, the automatic printing of an abbreviated description of each item, and the automatic printing of whole numbers. By means of these features the date, a descriptive abbreviation, such as GDS (goods); RET (retail); etc., and the invoice or reference number, may be printed in one operation, whereupon the carriage carries the entry to the correct posting column, the amount of the posting having been entered in the previous balance put into the machine, the new balance outstanding is extended automatically. During the posting work all addition and subtraction, printing of ciphers and punctuation, tabulation from column to column, and computation and printing of totals and balances are entirely automatic, as is the return of the carriage to the initial position after completion of each entry. A sales book is produced entirely automatically as a by-product of the posting operation since it receives a carbon impression of every entry made to ledger and statement.

A convenient record of a permanent nature is provided for audit purposes, facilitating checking for errors, which by its means, may be carried out without disturbing the ledgers and statements themselves. Such a system is designed only to secure a total of debits or credits which may be agreed with that furnished at the invoicing, receipting or listing

**EARNINGS & TAX RECORD**

NAME: **James** OCCUPATION: **Press Shop** EMPLOYER: **Thorton**  
 ADDRESS: **234 Dearborn Street** CITY: **Chicago** STATE: **Ill.**  
 DATE STARTED: **4/1/44** DATE: **4 April** 42

**PAY ENVELOPE**

NAME: **J. James**  
 NUMBER: **14**

NET PAYABLE: **192.50**

DATE: **1949**

HOURS	GROSS PAY				NON-TAXABLE INCOME	TAXABLE INCOME	INCOME TAX	
	THIS WEEK	PREVIOUS	TO DATE	TO DATE			TOTAL DUE	PERCENT
47	7.10.6		7.10.6	7.10.6	3.40	4.6.67	1.10	
47	11.0.0	7.10.6	18.11.4	18.11.4	5.80	12.3.47	3.50	1.10
46	9.3.5	18.11.4	27.14.9	27.14.9	9.12.0	16.2.57	5.40	3.40
46	7.7.4	27.14.9	35.2.17	35.2.17	12.16.0	22.6.17	6.60	6.60
38.75	9.4.5	35.2.1	44.6.6	44.6.6	16.00	28.6.67	8.10	6.60
38	8.2.0	44.6.6	52.8.67	52.8.67	19.40	35.6.67	7.60	8.10
38	10.1.8	52.8.6	62.10.2	62.10.2	22.80	40.2.27	11.90	9.60

53. 10.1.8

**PAY ROLL**

WEEK ENDING: 19TH MAY

DEPARTMENT PRESS SHOP.

SHEET NO 25

HOURS	GROSS WAGES			ALLOWANCES NON-TAXABLE	TAXABLE INCOME	INCOME TAX			STANDARD DEDU.	VAR. DEDU.	GROSS WAGES	NET WAGES	NUMBER
	THIS WEEK	PREVIOUS	TO DATE			TOTAL DUE	PREVIOUS	THIS WEEK					
53.	10. 1. 8	52. 8. 6	62. 10. 2	22. 8. 0	40. 2. 27	11. 9. 0	9. 6. 0	2. 3. 0 CR	8. 3	7	10. 1. 8	7. 9. 10	14.
47.	3. 7. 6	39. 8. 3	42. 15. 9	26. 0. 0	16. 15. 97	2. 10. 0	2. 6. 0	4. 0 CR	7. 2		3. 7. 6	2. 16. 4	15
46.	3. 6. 1	38. 4. 2	41. 10. 3	26. 13. 0	14. 17. 37	1. 19. 0	1. 19. 0	07	11. 1	6	3. 6. 1	2. 14. 6	16
36.	2. 10. 0	27. 4. 1	29. 14. 1	27. 19. 0	1. 15. 17	4. 0	15. 0	11. 07	7. 3		2. 10. 0	2. 13. 9	17.
37. 75.	3. 6. 9	35. 6. 2	38. 12. 11	27. 19. 0	10. 13. 11	1. 7. 0	1. 5. 0	2. 0 CR	10. 2		3. 6. 9	2. 14. 7	18
47.	7. 10. 6	83. 8. 9	90. 19. 3	17. 11. 0	73. 8. 37	22. 5. 0	20. 12. 0	1. 13. 0 CR	9. 10	1. 3	7. 10. 6	5. 6. 57	19.
61.	11. 0. 10	129. 7. 3	140. 8. 17	52. 13. 0	87. 15. 17	27. 19. 0	25. 18. 0	2. 1. 0 CR	5. 2		11. 0. 10	8. 14. 8	20.
54.	9. 3. 5	114. 6. 2	123. 9. 77	89. 14. 0	33. 15. 77	6. 19. 0	6. 8. 0	11. 0 CR	6. 8		9. 3. 5	8. 5. 97	22.
686. 12. 5				7,034. 14. 87		933. 2. 0	860. 0. 0	73. 2. 0 CR	11. 7. 6		686. 12. 5	602. 2. 117	
5348. 2. 30													

Pays, wage envelopes and record cards may be varied in design to suit the needs of the business.

but to demonstrate the correctness of the balance extended. Receipts may be made up in triplicate sets, the original forming the cashier's receipt, the duplicate the one for posting to the credit of the employee's accounts, the triplicate being the cash sheet and the fourth sheet the bank slip. Cash sheet and paying-in slip are inserted into the back feed of the machine, while the receipts and posting slips (in perforated strips) are aligned independently of the cash book in the back feed of the machine. In this way the cash sheet and bank slip may

be single-spaced, despite the fact that receipts and posting vouchers themselves are some 2 in. deep. Receipt forms are consecutively numbered at the time they are printed, and the number is repeated by the operator and transferred by means of carbon paper to all records, thus providing assurance that no irregular use has been made of any receipts. During the receipting work the machine accumulates separate totals of cash and discount, which may be used subsequently in proving the correctness of the credit postings to the sales ledger and in agreeing the cashier's figure. (To be concluded).

## INSTRUMENTS AND MACHINERY

**Torsion Balances.**—For determining the weight of quantities of powders and liquids of mass from 1 mgm.-10 gm., a torsion balance is simple and accurate. White Electrical Instrument Co., Ltd., 10 Amwell Street, London, E.C.1, pioneers in the manufacture of torsion balances in Great Britain, are now able to supply in Britain their model P balance, hitherto available only for export. The model P, primarily designed for use in research laboratories, is fitted with a glass-sided hinged door to shield the hook and specimen from draughts. Its dimensions are  $10\frac{3}{4} \times 10\frac{1}{2} \times 5$  in. (scale length, 13 in.), and its weight 11 lb.

**New Exposure Meter.**—A new exposure meter, manufactured for Kodak, Ltd., Kingsway, London, W.C.2, is suitable for still or cine work in black-and-white or colour. The meter is of pocket size, with hermetically sealed photo-electric cell and shock-resisting jewel bearings. It is understood to be the first exposure meter to be scaled in the new British Standard exposure index numbers and to conform to the B.S.I. specification for photo-electric



exposure meters. When the meter is pointed at the scene to be photographed, movement of a red needle indicates the amount of light received by the cell: the operator then merely rotates the calculator dial, which moves a black indicator until it coincides with the red needle. The whole range of suitable lens apertures and corresponding shutter speeds can then be read on the calculator. A feature of the meter is an automatic mechanism to combine high sensitivity with wide range. The indicator mechanism gives a readable deflection even under weak illumination. As

the illumination is increased, so that red needle approaches the end of the scale, more effort is needed to overcome a resistance and make the black indicator follow the red needle; final rotation of calculator disc brings a mask into action. The meter is finished in ivory-coloured plastic and fitted with plastic, non-kinetic neck-cord. The overall dimensions of meter are  $3\frac{1}{8} \times 2\frac{1}{4} \times 1\frac{1}{8}$  in.; the instrument weighs 8 oz.

**Laboratory Disintegrator.**—A laboratory apparatus that mixes, disintegrates, emulsifies and triturates is the Ato-Mix, manufactured by Measuring Scientific Equipment, Ltd., 14 Spence Street, London, S.W.1. The apparatus blends liquids, cuts and pulverises solids and semi-solid substances to an extremely fine consistency; it has applications in pharmaceuticals, virus preparation, enzyme production, vitamin assay, making of suspensions and the preparation of emulsions. The Ato-Mix is a globular, clear-glass container, which contains a constant throwing-back of the contents into the fast-revolving blades. The capacity is about 1,000 mls; the amount of liquid dealt with at a time is about one-third that volume. Mounted on four rubber feet, the machine is supplied complete with 6 ft. of flex ready for use on either d.c. or a.c. mains.

**Filling Small Bottles.**—The Automatic Weighing & Packing Machine Co., 10 Collyer Street, Birmingham, 3, issue a machine designed to handle vials or small bottles of the kind used for penicillin or streptomycin. The containers are fed onto a conveyor to an intermittently rotating table which takes them to a filling point. After filling, the rubber stopper or closure is placed in position, automatically spun over to seal the bottle before being charged on to an outlet conveyor. The speed of the machine is twenty to thirty per minute. Similar machines have been supplied for feeding, filling and capping tubes of, for example, dye powder. Attachments for screw capping can be supplied with the automatic feed hopper if desired. The machine can be used, with appropriate filling heads, for either powder or liquids. Rotas can be changed for different sizes and shapes of bottle within a few minutes—a point that should appeal to every manager in charge of a filling department.

## ITALIAN ESSENTIAL OILS AND CITRIC ACID

Italy had developed in pre-war years an active industry in essential oils, based on abundant supplies of raw materials. Annual production was around 200 tons lemon juice, 200 tons bergamot oil, 100-150 tons sweet orange juice, 100 tons bitter orange oil and ten tons eucalyptus oil, plus smaller quantities of lavender, jasmine, and rose oils. The main producing areas (Palermo, Messina, Syracuse, Calabria (Reggio Calabria) and Cuneo (Nervi, Vallecrosia, Vallebona, and Santo Spirito S. Nicolò) were then, and remain, the most important producing regions. Some of the essential-oil producing regions suffered serious damage during the war. Prompt repairs were carried out, and installations at present at work are expected to reach the level of production of 1938-39. Many plants, however, have been modernised during the reconstruction, and the quality of the product has, in many instances, been improved. Despite a considerable increase in domestic demand, it has been possible to produce large quantities for export. In the first eleven months of 1948 the export total of essential oils and oleoresins was 711,237 kilos. In 1947-48, imports and exports were both higher, and the increasing demand was encouraging to the producers. Labour costs are still high, owing to the proportion of highly-skilled workers employed. There is no satisfactory mechanical method of producing higher grades of citrus oil.

### Citric Acid

The Italian citric acid industry is encountering increased competition from the synthetic product, especially in the United States. Works at present in production are being forced to bring down their prices to correspond closely to international prices. If competition is to be maintained, the producers will be obliged to reorganise working conditions and production methods, and to improve or replace their equipments. Not only is there an average loss of 12-13 per cent. of the citric acid contained in the lemons treated, but impurities are left in the product that make the subsequent repurification difficult. There is also a need to improve the co-operative organisation of the producers, and to develop by-products, especially citric acid. If that is properly carried out, an appreciable lowering in the price of the principal product may be made possible.

In 1935 Italy produced 70 per cent. of the world's needs of citric acid. That position has changed. In 1947 Sicilian natural citric acid was purchased by Australia, the Argentine, Brazil, Canada and the Middle East to a total of only 780 tons, and the existing industrial equipment in Italy could be utilised to only 30 per cent. of capacity. The demand has continued to diminish. The industry is thus in a parlous plight. State subsidy for the purpose of permitting storage of unsold material is ruled out as a permanent measure, as the view is that sales will continue to fall.

### Italian Edible Oils

The Italian edible oils present a somewhat different, but complicated picture.

After a period of inertia, the markets appear to have recovered their activity. The small total of exports of olive oil in the face of an abundant harvest in the financial year 1947-48 hit producers hard. Sales of olives were insufficient to cover the expenses of harvesting and production of oil. The few producers who, however, carried on to provide oil were remunerated. The finer qualities of oil were neglected, and oils of lower value were held in hopes of rising prices. When the blossoming of the olive trees in May and June promised another abundant harvest for 1948-49, the market became even weaker. The action of insect pests brought serious damage in Southern Italy, however, and resulted in a recovery in prices. Refined arachis oil increased for the same reason.

**Cereal Diseases Bulletin.**—The third reprint of the Ministry of Agriculture and Fisheries' Bulletin No. 129, entitled "Cereal Diseases," has recently been issued. Written by Mr. W. E. Moore, M.A., a worker at the Ministry's Plant Pathology Laboratory, Harpenden, the book, which is illustrated and contains some forty pages, is intended to be of use to farmers, professional advisers in plant diseases, agricultural students, and others. The author describes over forty diseases, classified into rusts, smuts, leaf stripe, foot and root rots, fungus diseases (including ergot), and bacterial virus, and non-parasitic diseases, and outlines the treatment by chemical or other means. Copies of the book may be obtained from H.M. Stationery Office, York House, Kingsway, London, W.C.2, price one shilling.

## COMING EVENTS

Items must be received by the Editor not later than first post on Wednesday of the week of insertion.

### Tuesday, April 26

**BLACKPOOL BRANCH, PHARMACEUTICAL SOCIETY (JUNIOR SECTION),** Palatine Hotel, Blackpool, at 7.30 p.m. Annual meeting.

**EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY,** Stratford Church Institute, 27 Romford Road, London, E.15, at 8 p.m. Addresses by Council candidates.

**NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY,** Medico-surgical Society, 64 St. James' Street, Nottingham, at 7.15 p.m. Annual meeting. Miss M. A. Burr and Mr. Granville Shaw (members of Council) on "Our Work on the Council."

**PRESTON PHARMACISTS' ASSOCIATION,** Bull and Royal Hotel, Preston, at 7.30 p.m. Lecture on "Truss Measurement and Fitting."

**SOUTH-EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY,** Grove Tavern, 26 Camberwell Grove, London, S.E.5, at 7.30 p.m. Mr. G. A. Stephens, M.P.S., on "Sex Hormones and their Clinical Uses."

**SOUTHGATE AND WOOD GREEN DIVISION, NORTH LONDON PHARMACEUTICAL ASSOCIATION,** Jolly Butcher's Hotel, High Road, Wood Green, London, N.7, at 7.30 p.m. Mr. C. Beaven, Ph.C., on "Modern Conceptions of Drug Action."

**WEMBLEY CHEMISTS' ASSOCIATION,** Town Hall, Wembley, at 7.45 p.m. Annual meeting.

**WORTHING BRANCH, PHARMACEUTICAL SOCIETY,** Albion Hotel, Montague Street, Worthing, at 7.30 p.m. Mr. D. W. Hudson (a member of National Pharmaceutical Union, Executive) on "The National Formulary, 1949."

**INSTITUTE OF OPTICAL SCIENCE,** Royal Society of Arts, John Adam Street, London, W.C.2, at 7.30 p.m. Mr. Dermot J. Pierre, M.Ch., D.O.M.S., on "The Refraction of Children."

### Wednesday, April 27

**ASSOCIATION OF BRITISH PHARMACEUTICAL INDUSTRY,** Savoy Hotel, London, W.C.2, 7 for 7.30 p.m. Annual dinner.

**BRITISH PLASTICS FEDERATION,** Savoy Hotel, London, W.C.2, at 12.30 p.m. Annual luncheon.

**LONDON CHEMISTS' GOLFING SOCIETY,** Fixture at South Herts Golf Club (Phone Hillside 2035).

**NATIONAL ASSOCIATION OF WOMEN PHARMACISTS,** 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Annual meeting.

**NORTHUMBERLAND AND DURHAM CHEMISTS' GOLFING SOCIETY,** Fixture at Tynemouth, playing for Evans cup and McClure tankard.

**WESTERN PHARMACISTS' ASSOCIATION,** 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Dr. I. Michaels on "Recent Advances in Surgical Antiseptics."

**WIMBLEDON PHARMACISTS' ASSOCIATION.** Visit to Ciba Laboratories, Ltd., Horsham, leaving Wimbledon Town Hall at 2 p.m. Cost, 5s. each; accommodation limited.

### Thursday, April 28

**DARTFORD BRANCH, PHARMACEUTICAL SOCIETY,** Wellcome Club, High Street, Dartford, at 7.45 p.m. Miss C. E. Mozley-Stark, B.Pharm., Ph.C. (pharmaceutical section, Ministry of Health) on "Pharmacy and the Health Service."

**MANCHESTER PHARMACEUTICAL ASSOCIATION and PHARMACEUTICAL SOCIETY BRANCH,** Council Chamber, Houldsworth Hall, Manchester, at 7.45 p.m. Annual meeting.

**THAMES VALLEY PHARMACISTS' ASSOCIATION,** ton Hotel, Kingston-on-Thames, at 7.4 p.m. Mr. H. G. Rolfe, Ph.C. (a member National Formulary Committee) on "N the B.P., 1948, and the N.F., 1949."

**WALSALL and WOLVERHAMPTON BRANCHES, PHARMACEUTICAL SOCIETY.** Visit to Oldbury Works, Cuxson, Gerrard & Co., Ltd.

**BLACKPOOL BRANCH, PHARMACEUTICAL (JUNIOR SECTION)** is organising a two-day the Cheltenham works of United Chemists Association, Ltd., on May 24 and 25. Approximate total cost (including fare, meals and £3 2s. 6d. Applications to Miss L. I. A. Corbiere, Normoss Road, Newton, Blackpool, before May 12.

**EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY,** has arranged a series of lecture demonstrations on "Drugs and their Uses." Dr. J. H. Wilkinson (lecturer in chemical pharmacology, Westminster Medical School), at Westminster Municipal College, Romford Road, London, on successive Wednesday evenings, May 4, 7.30-9 p.m. Fee 12s. 6d. for course, or 6s. per lecture. Applications to Mr. Stanley R. 21 Broadhurst Avenue, Ilford.

**SOUTH-EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY.** The visit to John Wyeth & Co., Ltd., arranged for April 28 has been cancelled.

**SOUTH SHIELDS PHARMACISTS' ASSOCIATION** is organising a visit to the Barnard Castle works of Glaxo Laboratories, Ltd., on Wednesday, May 4, leaving South Shields at 1 p.m. Application to Mr. Turner Bell, 9 Woodbine Street, South Shields (Telephone: South Shields 1071).

## IMPERIAL INSTITUTE

FOLLOWING recommendations adopted by the Commonwealth Scientific Conference, 1946, the scientific and technical activities of the Imperial Institute are being taken over by the Secretary of State for the Colonies. The Plant and Animal Products Department becomes known as the Colonial Products Department; and the Mineral Resources Department becomes the Mineral Resources Section of the Colonial Geological Survey. The Institute's educational functions (including lecture galleries and cinema, Empire pictures scheme, Empire film, lantern and film-strip libraries, etc.) are to continue, and the director (Sir Harry S. K.C.I.E., C.B.E.) becomes responsible for them to the Minister of Education. The Central Film Library (including Empire films belonging to the Government) is to remain at the Imperial Institute, under the control of the Central Office of Information. [The Imperial Institute was founded in 1887 as a memorial of Queen Victoria's Golden Jubilee; its primary purpose was to give scientific and technical advice in the interests of the economic development of the natural resources of the Empire.]

## CORRESPONDENCE

### Something Hatching?

As the new National Formulary states that lin. album, B.P.C. shall be I have requisitioned from the Food Office a priority permit for six sh eggs during three months.

H. J. SADLER.

### Pharmacies Worth Preserving

Many owners of shop property are carrying out long-deferred repairs structural alterations to their property. I put in a plea that buildings of architectural merit or outstanding building relationship should be restored with care? In addition, there may be, in our beautiful old towns and villages buildings which, though not of any architectural merit in themselves, are due to the composite charm of the street. There have been instances where the façades of shops (not necessarily old ones) have been replaced by ostentatious fronts in, say, chromium plate. The concerns have, perhaps, been the chief culprits, but it is significant that recently several of the multiples have deavoured to install shopfronts in line with the existing local surroundings. This would be advantageous to the community, possibly with photographs, of old buildings worth preserving. Many pharmacists may recall seeing examples.

S. THETE.

### Advance Payments

The National Health Service has made dispensing payment of 80 per cent on the previous fully priced N.H.S. calculated on the contractor's own estimate, and is reasonably generous. As it does not take into consideration seasonal variations or variation of the prescribing of general practitioners it can, however, be most misleading. I have received 1,000 March scripts dispensed for these my total advance payment will be £137. When sorted and added the 1,000 examined gave the following figures:—

32-dose mixtures all in the under	360
100-d, class)	640
100-lint ... ..	486
100-wool ... ..	49 lb.
100-poultice ... ..	17 lb.
100-last bandages...	54 lb.
	21 x 3-in.

The first forty-seven of the "over 2s. 6d." scripts carried a drug value of £54 16s. 3d. and dispensing fees of £4 12s. 6d. Add to these sums the dispensing fee for 32-dose mixtures and container fees and a total of approximately £108 is obtained. In short I have left from my advance payment £29 with which to finance overheads, pay drug cost of 640 under 2s. 6d. prescriptions, and the remaining 313 over 2s. 6d. scripts. The cost of the latter could not be less than £39 2s. 6d. Thus, for a small portion of goods and services supplied, I have a proved expense of £147 met by an advance of £137. When priced out, these 1,000 scripts have come to over £200. It would thus appear I shall be lending to the Government or subsidising the National Health Service to the tune of £63 interest-free for some four months. I wonder if the public realise to what extent they are indebted to the pharmacist for the service they receive?

MONEY LENDER.

### CIVIL SERVICE PHARMACISTS

New scales of salary for civil service pharmacists are mentioned in the report of the Institution of Professional Civil Servants for 1948. On the appropriate scales for Admiralty pharmacists "prolonged discussions took place," the report states, and ultimately disagreement was registered. The Admiralty is now introducing the following London (male) scales by administrative action as from April 1, 1946:—Pharmacists, £380 x 20—£525; senior pharmacists, £500 x 20—£600; superintending pharmacists, £600 x 25—£750; head pharmacist, £750 x 25—£900.

For prison pharmacists agreement was reached on the following scale after negotiations had lasted for nearly three years:—Prison pharmacists to be assimilated from April 1, 1946, to a scale of £370—15—£500; entry to the scale to be at existing salary, plus an increment of £15. On October 1, 1946, the scale to be increased to £420 x 15—£550, and all pharmacists to receive the £50 increase. The scale is not subject to provincial or sex differentiation.

The Ministry of Health made staffing proposals based on the assumption that the Chief Pharmacist did not need assistants at professional level. The contrary views of the Civil Servants' Institution are under consideration.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or

### 28 Essex Street, W.C.2, April 20

THE markets opened on a quiet note after the Easter closing and few price movements were discernible at the time of going to press. From April 19, makers' rates for POTASSIUM BROMIDE are reduced by twopence per lb., and the rates for the SODIUM BROMIDE (which is now the same price as the potassium salt) and AMMONIUM BROMIDE are also reduced by smaller amounts. An increase in the price of CALCIUM GLUCONATE of sixpence per lb. reflects the higher cost of raw material; quantities of 1 cwt. are now quoted at 3s. 7d. per lb. Prices of ACETONE and DIACETONE ALCOHOL are reduced, with effect from April 4 and April 11 respectively. Prices of METHYLATED SPIRIT are unchanged.

THE BOTANICAL DRUGS market opened quiet and steady. A fair inquiry is reported, however, for ERGOT of which there is little offering on spot. Prices of Tiunvelley SENNA LEAVES and PODS are unchanged. In the MENTHOL market the firm tone persists; Brazilian on spot is offered at 48s. 6d. per lb., while May-June shipment is quoted at 43s. 9d., c.i.f. In ESSENTIAL OILS, Java CITRONELLA is slightly easier on spot. The forward position of PALMAROSA is easier but supplies on the spot are difficult to find. English-distilled GINGER OILS are firm, owing to the rise in the cost of raw material.

### U.S. Drug and Chemical Report New York, April 14

ACTIVITY in the PHARMACEUTICAL and FINE CHEMICALS market over the past week was well below the level of the corresponding period in 1948. The prices of the synthetic vitamins  $\alpha$ -TOCOPHEROL and  $\alpha$ -TOCOPHEROL ACETATE were both reduced \$150 per kilo, establishing a new price of \$600 per kilo. STEARATES were down several cents per lb., including ZINC STEARATE which declined 4 cents to 34 cents per lb. in ton lots. The past week saw a series of reductions in MENTHOL prices following the arrival of several consignments from Brazil. The inside price of \$8.85 per lb., which was prevailing a week ago, has been cut by 20 cents. Japanese prices for menthol are reported well above Chinese and Brazilian levels as a result of generally lower stocks and heavy buying on Indian account. Trade in BOTANICAL DRUGS continues at very low levels and downward price movements were numerous over the past week. SPICES were also in limited demand though PEPPERS and GINGER ROOT were strong markets. Some forward deliveries of BLACK PEPPER advanced a cent per lb. during the week but spot material fell off 4 cents to 90-92 cents

per lb. BALSAM TOLU was a particularly weak article, a series of reductions in the inside price at \$2.20 per lb. at the end of the week, against \$2.30 previously. On the other hand, BALSAM COPAIBA advanced 5 cents per lb. to 65 cents. The market is inactive and such products as SENEGA and HYDRASTIS are meeting a very small demand. Downward movements again outweighed gains in ESSENTIAL OILS and AROMATIC CHEMICALS during the past week. Fir was displayed in GINGER OILS and RESIN, both of which moved higher, reflecting the sharp gains in root costs in recent weeks.

### Pharmaceutical Chemical

ACETONE.—Reduced prices per ton from April 4 are as follows:—In 40/45 drums: Less than 1 ton, £70; 1 ton, £72; 10 tons to 50 tons, £68; 50 tons and over, £67. Smaller quantities are quoted at £68 per ton in 5-gall. drums and £85 per ton in 10-gall. drums.

ADRENALINE.—B.P. is quoted from 3s. 6d. per gm. for natural and 2s. 6d. for synthetic; racemic, 2s. per gm.

AMPHETAMINE. — Quotations for anhydrous and SULPHATE are from 115s. to 120s. per lb. d-AMPHETAMINE is now 20s. per lb.

ATROPINE.—Steady. Makers' rates are: ALKALOID, 41s. 3d.; 4 oz., 40s. 25 oz., 40s. 3d. SULPHATE, 32s. 9d.; 32s. 3d.; 25 oz., 31s. 9d.

BORIC ACID.—Current rates for ton lots of B.P. quality are: granulated, crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 100-lb. bags, delivered carriage paid in Britain, in 1-ton lots and upwards. Quoted do not apply to Northern Ireland.

BROMIDES.—Makers advise reductions in prices, effective from April 19. Rates for the United Kingdom and Eire for POTASSIUM B.P. (crystal) and SODIUM B.P. are as follows:—5 cwt., 2s. 4d.; 1 cwt., 2s. 5d.; 28 lb., 2s. 11½d.; 14 lb., 3s. 7 lb., 3s. 3d. per lb. The potassium salt in powder is 1½d. per lb. more than the foregoing prices. AMMONIUM B.P. is 1d. per lb. more than the potassium salt. Terms: Prices net. 100-lb. cases or kegs charged; 28-lb. parcels, smaller containers charged extra. Smaller quantities may be made up of assay salts down to 28 lb.

CALCIUM GLUCONATE.—Makers have advanced prices by sixpence per lb. as from April 19. Quantities of upwards of 3 cwt. are quoted at 3s. 6d. per lb.; 1 2 cwt., 3s. 7d. per lb.; smaller quantities up to 3s. 10d. per lb.

**DROPHYLL.**—Pharmaceutical quality offered at 60s. per lb.; soapmakers' grade saleable at 17s. 6d. per lb.

**IC ACID.** B.P.—Steady. Makers 1s. 5½d. per lb., less 5 per cent. for lots, delivered in the U.K.

**AM OF TARTAR.**—Makers' rates for the trade are: 10 cwt. lots, 148s. per 5-10 cwt., 149s.; less than 5 cwt. and than 2 cwt., 150s.; 1-2 cwt., 152s., ed. A steady demand reported.

**ETONE ALCOHOL.**—Reduced prices per om April 11 are as follows:—In gall. drums: Less than 1 ton, £113; £112; 10 tons to 50 tons, £111; 50 to 100 tons, £110; 100 tons and over, £109. Smaller quantities are quoted at per ton in 5-gall. drums and £128 per 10-gall. drums.

**EDRINE.**—Makers' rates per oz. are as follows:—ALKALOID: 1 oz., 11s. 9d.; 16 s. 6d.; 25 oz., 11s. 3d.; 50 oz., 11s.; 100 oz., 10s. 9d. HYDROCHLORIDE and ACETATE: 1 oz., 8s. 3d.; 16 oz., 8s.; 25 oz., 7s. 9d.; 50 oz., 7s. 6d.; 100 oz., 7s. 3½d. ed contracts may be booked for quantity of not less than 100 oz. over six s. Containers: 50 oz. or more, free; lots carriage paid.

**CEROPHOSPHATES.** — Makers' list price per lb. are as follows: CALCIUM PHOSPHATE, 10s. 6d.; IRON SCALE, 11s. 9d.; 20 per cent. (B.P.C.), 8s. 3d. CESIUM (INSOLUBLE), 10s.; MAGNESIUM PHOSPHATE, 19s. 3d.; MANGANESE, 24s. 3½d.; SODIUM, 50 per cent., 5s. 11d.; 75 per cent., 7s. 9d.; SODIUM, 10s. 9d.; 50 per cent., 7s. 7d.; 75 per cent., 5s. 8d. Quantities of 7 lb., 6d. per lb. less than above other quantities in proportion.

**ACOLLS.**—Liquid is offered at prices of 14s. 6d. to 16s. per lb. and crystal carbonate, 14s. to 15s., according to quantity.

**KAMINE.**—B.P. is quoted at from 2s. to 2s. per lb., as to quantity.

**ROCYANIC ACID.**—B.P.C. (Scheele's) offered at 1s. 5½d. per lb. and B.P. at 1s. per lb.

**ROQUINONE.**—Bulk rates are as follows: 10 cwt., 9s. 6d.; 5 cwt., 9s. 9d.; 10s.; 28 lb., 11s.; 14 lb., 11s. 3d.; 11s. 6d. per lb. Carriage paid in U.K.

**THAMMOL.**—Prices are from 3s. 8d. 6d. per lb., according to quantity.

**IDES.**—Prices (per lb.) of minor salts are as follows: AMMONIUM, B.P.C., 15s. 9d., smalls, 16s. 3d.; ARSENIC ACID, 28s. 6d.; CADMIUM, B.P.C., 28s.; CALCIUM, B.P.C., 19s.; ETHYL, 28s.; B.P.C., 14s.; LEAD, B.P.C., powder, 14s.; LITHIUM, B.P.C., 20s. 3d.; STRONTIUM, B.P.C., 18s. 6d.; ZINC, B.P.C., 18s.; MERCURIC, B.P., 7 lb., 14s. 3d., 14s. 9d.; MERCURIUS, B.P.C., green powder, 7 lb., 18s. 6d.; smalls, 19s.

**LACTOSE.**—B.P. quality of Dutch origin is offered as follows:—1-ton lots, 1s. 9d.; 10-cwt., 1s. 9½d.; less than 10-cwt., 1s. 10½d. per lb., in original packages, duty paid, ex wharf, London. English-manufactured material is from £120 per ton.

**MORPHINE.**—Prices per oz. current in the home market are: ALKALOID, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d.; BIMECONATE and TARTRATE, as ALKALOID; ACETATE, HYDROBROMIDE and SULPHATE, quoted the same as HYDROCHLORIDE.

**NICOTINIC ACID.**—Quotations are about 40s. to 42s. per lb., as to quantity.

**OXALIC ACID.**—Quotations range from 133s. to 140s. 6d. per cwt., in 1 cwt. kegs. In 5-cwt. casks prices are about 5s. per cwt. less.

**PANCREATIN.**—Prices range from 12s. to 13s. per lb. for B.P. quality: U.S.P. standard is offered at from 13s. 6d. to 14s. 3d.

**PARALDEHYDE.**—Rates for B.P. material are as follows: 5 carboys, 1s. 5d. per lb.; 1 carboy, 1s. 6d.; 24 winchesters, 1s. 7½d.; 17, 1s. 8½d.; 6, 1s. 10d.; 3, 1s. 11½d. per lb.

**PEPSIN.**—For B.P. quality prices from 27s. 9d. to 30s. per lb. are asked, according to quantity.

**PHELLANDRENE.**—Refined is quoted at 1s 5d. per lb. in carboys, and from 1s. 6½d. to 2s. 1d. per lb. in winchesters.

**PHENOBARBITONE.**—Current quotations for 28-lb. lots are at 36s. 6d. per lb. The SODIUM derivative is available at the same price as the base.

**PHENOLPHTHALEIN.**—Steady. Makers' prices are: 1-cwt. lots, 6s. 10d.; 28-lb., 7s.; 14-lb., 7s. 3d. per lb.

**SALICYLSULPHONIC ACID.**—Quotations are at about 12s. 6d. per lb.

**SANTONIN.**—Makers' rates are: 5 kilos, £44 per kilo; less than 5 kilos, £45; 1 kilo, £46; half-kilo, £47; quarter-kilo, £48 per kilo; carriage paid in U.K. Very scarce.

**SODIUM ALGINATE.**—Current rates per lb. are as follows: 7-lb. lots, 7s. 3d.; 28-lb., 7s.; 1-cwt., 6s. 6d.

**SODIUM SALICYLATE.**—Steady. Makers' price for 1 cwt. is 2s. 7d. per lb.; resellers' rates per lb. (containers in brackets) in the home market as follows: 28-lb. and under 1 cwt., 3s. 4d. (1-lb.); 3s. 3d. (2-lb.); 3s. 2½d. (4-lb.); 3s. 1½d. (7-lb.); 3s. 1d. (14-lb.); 3s. (28-lb.). Net one month.

**SULPHANILAMIDE.**—Steady. Prices are as follows: 5 cwt., 6s. 3d.; 1 cwt., 6s. 6d.; 28 lb., 6s. 10d.; 14 lb., 7s.; 7 lb., 7s. 9d. per lb., net; packing extra.

**THEOPHYLLINE.** — Prices of ALKALOID range from 60s. to 65s. per lb., as to quantity; with ethylene diamine (AMINO-PHYLLINE, B.P.) prices are from 72s. 6d. to 80s. per lb.

## Crude Drugs

**ACONITE.**—Steady. Indian, on the spot, is quoted at 275s. per cwt.; *napellus*, offered at 3s. 10½d. to 4s. 3d., duty paid.

**AGAR.**—Kobé strip is offered at from 13s. 6d. to 15s. per lb., according to quality; South African powder, in tins in cases, 20s. per lb., spot.

**ANTIMONY.**—Metal prices are: 99.6 per cent. regulus, £210 per ton, delivered; 99 per cent., £200; 70 per cent., crude, £165.

**ARECA NUTS.**—Supplies of Ceylon on spot are offered at about 57s. 6d. per cwt.

**ALOES.**—Prime Cape on spot is offered at from 107s. 6d. to 110s. per cwt.; shipment, 100s. per cwt., c.i.f. Curaçao is offered at 185s. per cwt. Socotrine is quoted at 170s. per cwt., spot.

**ASAETIDA.**—Persian block on spot is steady at prices from £14 10s. to £24 per cwt., according to grade.

**BELLADONNA.**—Jugo-Slav root is quoted at from 3s. 9d. to 4s. 6d. per lb., duty paid, as to test; shipment, 3s., c.i.f. Jugo-Slav leaves (B.P.) are offered at 4s. 2d., duty paid. English leaves are offered at 4s. 9d. (0.546 per cent.) per lb.

**BENZOIN.**—Sumatra block on the spot is offering at from £15 to £16 per cwt., as to quality; No. 1, at origin, from £16 to £16 10s., c.i.f. Sumatra free almonds are quoted on spot at from £45 per cwt. Siam block, small almond, £118 per cwt., spot.

**BISMUTH.**—Metal is quoted at 10s. 6d. per lb., net, in minimum lots of 5 cwt.

**BLACK HAW.**—Quotations for tree bark are from 4s. 9d. per lb., duty paid, ex wharf London.

**CALABAR BEANS.**—Steady. Spot quotations are from 10½d. to 11d. per lb.

**CASCARA SAGRADA.**—Continues quiet; spot quotations are from 170s. to 185s. per cwt., duty paid.

**CHILLIES.**—Mombasa is quoted at 135s. per cwt., spot; Nigerian, 125s. to 130s., spot; Japanese-type 180s. per cwt., spot.

**COLCHICUM.**—Corins on the spot are offered at prices from 6s. to 6s. 6d. per lb.; seeds (testing 0.609 colchicine) are offered ex wharf at 13s. 3d. per lb.

**FRANGULA.**—Supplies of bark on spot are offered at from 105s. per cwt.

**GAMBOGE.**—Siam pipe on the spot is offered at £45 per cwt., duty paid; powder is offered at 11s. per lb.

**GENTIAN.**—French natural on the spot is offered at 62s. 6d. per cwt.

**GINGER.**—African on spot is offered at 155s. per cwt., April-May shipment, 132s. 6d., c.i.f.; May-June, 130s., c.i.f., sellers. Jamaican No. 1 is quoted at 175s. per cwt., spot; No. 2, 167s. 6d., spot.

**GRINDELIA.**—Quotations are from 2s. 1d. per lb., duty paid, spot London.

**GUM ACACIA.**—Kordofan cleaned sort the spot quoted at 59s. per cwt.; shipment, 55s., c.i.f. Bleached No. 1, 125s., to arrive, 115s., c.i.f. Talha, on spot, per cwt.; forward, 39s., c.i.f.

**HENBANE.**—B.P. herb (*niger*) on spot quoted at 4s. 3d. per lb. Egyptian mat (*muticus*) is offering from origin at per cwt., c.i.f.

**HYDRASTIS.**—Quotations are 29s. 6d. to 30s. per lb. ex wharf London.

**IPECACUANHA.**—Nicaraguan on the spot is offered at 23s. per lb. for f.a.q.; May-April shipment, 21s., c.i.f.; April-May, c.i.f. Colombian, 21s. per lb., spot. M. Grosso is quoted at 24s. per lb., c.i.f.

**IRISH MOSS.**—Steady. French sort, bleached, 120s. per cwt.; No. 1, 105s.; 2, 95s. per cwt.

**JABORANDI.**—Leaves are offered at 75s. per cwt.

**KOLA NUTS.**—African quarters offered at about 6d. per lb.; halves 12d. to 2½l. Jamaican washed halves quoted at 3d. per lb.

**LIQUORICE.**—Anatolian natural root on spot is offered at from 45s. to 47s. 6d. per cwt.; Syrian, 40s.; Russian, 45s. 6d. to 46s. Italian block on spot is obtainable at 170s. per cwt.; Italian stick is quoted at 295s. to 560s. per cwt., as to grade. Turkish block is offered at 210s. to 220s. per cwt. Turkish stick is available at 300s. per cwt. American block is from 150s. per cwt.

**LOBELIA.**—Spot quotations are from 3s. 11d. to 4s. 1d. per lb.

**MACE.**—West Indian blade on the spot is offered at 6s. 6d.; pickings, 4s. to 6s. 1b., according to quality.

**MALEFERN.**—A parcel on spot test 3.02 per cent. filicin is offering at 65s. per cwt.

**MASTIC.**—Small tears (No. 2) are offered at from 13s. per lb., spot.

**MENTHOL.**—Firm. Brazil is offered from 48s. 6d. per lb., duty paid; in bulk 46s. per lb., sellers.

**MERCURY.**—Ex warehouse, £18 10s. per flask; shipment, £17 17s. 6l., c.i.f. U.F.

**MYRRH.**—Aden sorts on the spot are offered at £12 per cwt.; siftings are quoted at £6 10s. to £7 per cwt.

**NUTMEG.**—West Indian 80's on the spot 2s. 10d.; sound unassorted, 2s. 4d.; whole and broken, 1s. 5d. per lb.

**NUX VOMICA.**—Cochin on spot is offered at 36s. per cwt.; at origin, quotations, washed and garbled material are at 3s. c.i.f. Mangalore is offered at 34s. per cwt., spot.

**OLIBANUM.**—Steady. Fair drop is offered at 150s., peas at 190s., fair garbled, 125s., and siftings at 80s. per cwt., spot.

**ORRIS.**—Florentine root on the spot is offered at 115s. per cwt.

PAIN.—East African, on the spot, is offered at 15s. per lb.; Ceylon brown, 5d. per lb., spot.

MENTO.—Spot quotations are at 4d. per lb.; forward, 119s. per cwt.,

POPHYLLUM.—American (*peltatum*), London, 290s. per cwt. Indian (*emodi*) offered at from 295s., spot; forward, per cwt., c.i.f.

ASSIA.—Jamaican chips on the spot quoted at from 35s. per cwt.

ILLARIA.—Natural bark on the spot is offered at from 92s. 6d. to 95s. per cwt.; bark, 125s. per cwt., crushed, 120s.

INCE SEED.—Cape on the spot is offered at from 3s. 9d. per lb.

TATANY.—Quiet. Spot quotations are offered at 9d. per lb.

UBARE.—Chinese rough-round, with a pinky fracture, is quoted at from 4d. to 5s. per lb., duty paid, on the spot in bond, 4s. 8d. per lb. Second-grade root is offered at around 3s. 6d. per lb. duty paid.

EDS.—ANISE.—Unchanged. Cyprus, offered at 1s. 4½d. per lb.; Turkish, 1s. 4d. per lb. duty paid, or 1s. 3d. per lb. in bond, London.

London. CARAWAY.—Dutch are intended to be firmer at 120s. per cwt., duty in London. CELERY.—Indian, unchanged at 1s. per lb., spot London or pool.

CORIANDER.—Market remains unchanged. Morocco, quoted at 35s. per cwt., paid in London. New crop is quoted May-June shipment at 28s. per cwt., London. Argentine, spot London or pool, offered at 28s. per cwt., duty in London.

CUMIN.—Cyprus, spot London, is offered at 1s. per lb.; Indian in London or pool, 157s. 6d. per cwt. DILL.—

is firm at 47s. 6d. per cwt., spot on or Liverpool. FENNEL.—Indian offered at 67s. 6d. per cwt., spot pool.

FENUGREEK.—Indian, 54s. per spot London or Liverpool; Morocco, 6d. per cwt., duty paid, spot London.

ELLAC.—Price of F.O.T.N., pure, is 1s. 10d. and F.O. Standard 1, 360s.; fine grade is quoted at 390s. to 415s. per cwt.; London warehouse.

UILL.—Italian fair white on spot is offered at 52s. 6d. per lb.

RAMONIUM.—Quiet. Indian on spot offered at 55s. per cwt.

YRAX.—Supplies are offering at from 10d. to 6s. per lb., duty paid.

ONKA BEANS.—Spot quotations are at 4d. to 6s. per lb. for Pará blacks; Trinidad, 6s. 9d., spot; Angostura, 8s., spot.

AGACANTH.—Steady. Selected white, per cwt.; other white grades, from £5 5s.; pale leaf, £35 to £40; amber, £20 27; red, £14; hoggy, about £10 10s.

## Essential and Expressed Oils

ANISE.—Quiet. Chinese star on the spot is offered at from 4s. 5d. to 4s. 7½d. per lb., for oil in drums; in tins in cases, 5s. to 5s. 3d. per lb.; for shipment, drums, 4s. 4½d., c.i.f.

CADE.—A steady inquiry reported. Spanish oil, B.P., on the spot is offered at from 3s. to 3s. 3d. per lb. upwards.

CAMPHOR.—White oil on spot is quoted at from 2s. 2d. per lb., duty paid; brown oil from 1s. 9d. per lb., duty paid.

CUBEBS.—Supplies of English-distilled offered at 55s. per lb.

LAVANDIN.—Spot quotations for new-crop oil are from 7s. to 7s. 6d. per lb.

LAVENDER.—French, 38-40 per cent., on spot, is quoted at from 16s. to 17s. per lb.; 40-42 per cent., 17s. to 18s. Spanish spike is offering at 7s. 6d. per lb., spot.

LEMONGRASS.—For spot material 7s. 3d. per lb. is quoted; shipment, April-May, 7s. 6d., c.i.f.

LIME.—West Indian on spot is offered at from 28s. 6d. per lb.

OLIVE.—Prices are unchanged. Supplies of oil from members of the Importers' Association are made at the rate of 26s. 2d. per gall. of 9 lb., ex store, drums included. Additional charges are added for small quantities, according to costs of breaking bulk, containers, delivery, etc.

ORIGANUM.—Quotations are from 17s. 9d. to 18s. 6d. per lb., on the spot.

PALMAROSA.—Spot supplies are scarce at 32s. 6d. per lb.; forward, 31s. c.i.f.

PATCHOULI.—Singapore on the spot is quoted at from 27s. to 30s. per lb.; shipment offers are firm at 27s. 6d., c.i.f. English-distilled oil is 80s. per lb.

PENNYROYAL.—B.P.C. quality is offered at from 13s. per lb. in original 250-lb. drums to 14s. 6d. per lb. for smaller quantities.

PEPPERMINT.—English-distilled "Mitcham" oil is offered at 200s. per lb.

PINE.—*Pumilionis* is quoted at about 16s. to 17s. per lb., spot; *sylvestris* is quoted at from 8s. 6d. to 10s.

PINE NEEDLE.—Supplies on spot are offered at 12s. 6d. to 15s. per lb., for first-grade oil.

SANDALWOOD.—Mysore oil on spot is offered at prices from 63s. to 73s. per lb., as to quantity; English-distilled, about 75s. per lb.

SASSAFRAS.—Brazil on spot is quoted at from 4s. 6d. to 5s. 3d. per lb.

TEASEED.—Spot supplies of edible are offered at about 22s. per gall. of 9 lb.

TEREBINTH.—Quotations for B.P. oil are from 1s. 6½d. to 1s. 10½d. in winchesters, and 1s. 5d. per lb. in carboys.

## TRADE MARKS

- (From "The Trade Marks Journal," April 6)
- "YOUTHESA"; by the Arnold Hair and Skin Institute, Harrow; 666,792. For non-medicated toilet preparations (3).
- "LIMINEX"; by Consolidated Sales, Ltd., Dublin; 671,127. For ink- or stain-eradicating preparations (3).
- "ROSPEN"; by Bitulac, Ltd., Newcastle-on-Tyne; 671,277. For detergents (3).
- "SPUN-CLIP"; by Alexander Assoun, Ltd., London, W.1; 671,519. For hair-setting lotions (3).
- "BITURAL" and "ALMADERM"; by Imperial Chemical (Pharmaceuticals), Ltd., Slough; 668,191 and 676,067. "METIONE"; by Continental Laboratories, Ltd., London, W.C.1; 668,740. "NEODRENA"; by Savory & Moore, Ltd., London, W.1; 669,368. "MALIX"; by Bayer Products, Ltd., London, W.C.2; 669,742. "HAROWILL"; by Albert Harold Williams, Neath; 669,978. "VI-DAYLENE"; by Abbott Laboratories (England), Ltd., Perivale; 670,081. "GLUCO-THRIL"; by Parke, Davis & Co., Detroit; 670,820. "SILBEDRENE"; by Silten, Ltd., Hatfield; 671,169. For pharmaceutical preparations (5).
- "FERNOXONE"; by Plant Protection, Ltd., Yalding; 668,636. For insecticides, fungicides and weed-killers (5).
- "SOCATYL"; by Ciba, Ltd., Basle; 669,092. "ESYNDIOL"; by The British Drug Houses, Ltd., London, N.1; 671,768. For all goods (5).
- "EWBANKS"; by Ewbanks, Ltd., Pontefract; 669,949. "AUNT ANN'S"; by J. K. Taylor, Ltd., High Wycombe; 671,761. For medicated confectionery (5).
- "THENYLENE"; by Abbott Laboratories (England), Ltd., Perivale; 671,176. For antihistaminic drugs (5).
- "MERIDIAN"; by Greenwood & Son, Lye; 671,367. For medicated wines (5).
- "MUTRON"; by Mutron, Ltd., Edinburgh; 670,045. For scientific and photographic instruments (9).
- Device of gable window; by W. F. Dormer, Ltd., London, N.W.4; 670,581. For photographic, optical and scientific apparatus (9).
- "ADVOCATE"; by Ilford, Ltd., Ilford; 671,502. For photographic apparatus and instruments (9).
- (From the "Trade Marks Journal," April 13)
- "BENAXIT"; by British Schering, Ltd., London, W.1; 671,737-38. For agricultural and horticultural chemicals (1); for insecticides, fungicides and weed and vermin killing preparations (5).
- "ANN CAROL" in distinctive lettering; by Ann Carol, London, W.1; B664,606. "CHATELET"; by Hagman Laboratories (1933), London, Ltd., London, N.11; B670,222. "PRESTEEM"; by Mortimer & Sons, Darlington; 671,597. For non-medicated toilet preparations (3).
- "PICOTEE"; by H. Russell (Soaps and Disinfectants), Ltd., Kirkby; 665,797. For detergents (3).
- "CALLINAN" in distinctive lettering; by Callinan
- Giles & Co., Ltd., London, W.1; B6  
For reagents and oils for use in hair wavi  
"CLAUDE DUVAL" on label device includin  
riage and horses (words "Claude Duval  
claimed); by George Grimshaw Har  
Reading; 667,640-41. For non-medicated  
preparations (3); for all goods (5).
- "CLIMAX"; by Joseph Crosfield & Sons,  
Warrington; 671,055. Device of crinolines  
by Cambridge Emulsions, Ltd., Hi  
671,412. For detergents and soaps (5).
- "CRAIG-MARTIN TOOTH PASTE" on label  
by Comfort Manufacturing Co., Cl  
B645,555. For tooth-paste (3).
- "DENISA"; by the Lady Newborough, Ltd.  
don, W.1; B668,026. For perfumes (3).
- "E.M.C." in circle device including horse  
"E.M.C." disclaimed); by Easton Manu  
ing Co., Glasgow; 671,630. For all good  
"TANBARK"; by Lenthic, Ltd., London,  
671,675. For eau de Cologne (3).
- "ASTRYL"; by May & Baker, Ltd., Dage  
659,175. "PENILAC"; by Glaxo Labora  
Ltd., Greenford; 670,721. For veterinar  
parations (5).
- "PROTENUM"; by Mead, Johnson & Co.,  
ville, U.S.A.; 661,147. For dietetic foods  
"ZEBLIN"; by Stanley Zeb Jackson, Cast  
666,079. For medicated creams for  
massage (5).
- "SPONGOSTAN"; by A/S Ferrosan, Copenh  
667,400. For vulnerary absorbent  
sponges for pharmaceutical purposes (5).
- "FREEDOM"; by Lea Bridge Industries,  
Southend; 671,022. For air beds, rings  
other inflatable goods for surgical purposes  
"VERTOR" in circle device including micro  
(device of microscope disclaimed); by  
Lense Co., Ltd., Birmingham; 663,668-69  
lenses (9).

## FIFTY YEARS AGO

### The Ideal Councillor

(From the C. & D., April 22, 1899)

If you're anxious for to shine in the pharma  
line

As a heaven-born Councillor

Do not send your *carte-de-v.*

To the crying C. & D.

Or say anything that's not been said before;  
For the proper path for you, if election you  
view,

Is to emulate the faithful at the Square  
And to blithely follow after stifling much de  
laughter

At the wisdom which is concentrated there.

And the quidnuncs all will say

As you walk the well-worn way

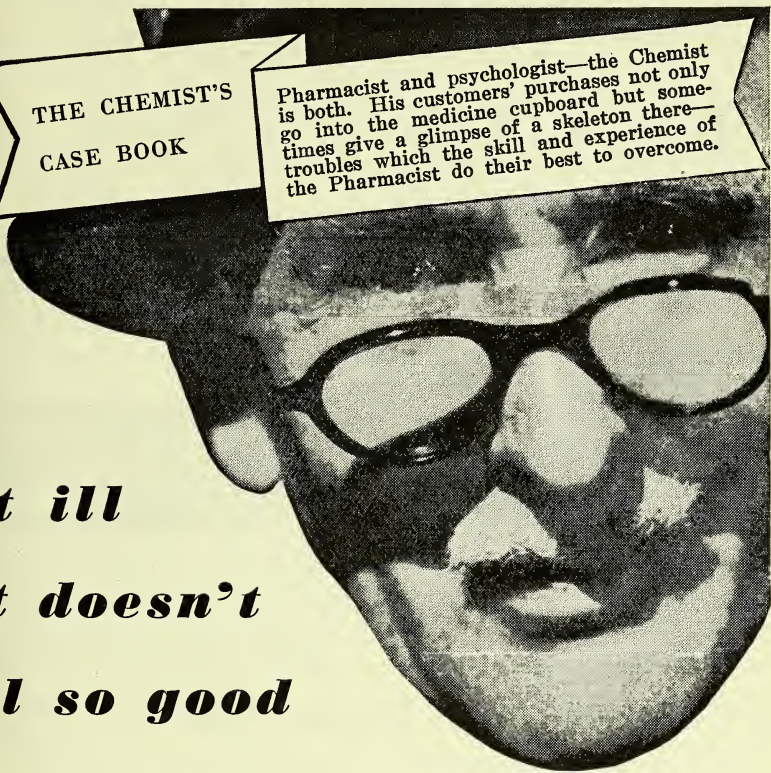
"If that young man has a proper sense o  
deep profunditee

Why that's the sort of harmless kind of Coun  
our Councillor must be."

**THE CHEMIST'S  
CASE BOOK**

Pharmacist and psychologist—the Chemist is both. His customers' purchases not only go into the medicine cupboard but sometimes give a glimpse of a skeleton there—troubles which the skill and experience of the Pharmacist do their best to overcome.

**Not ill  
but doesn't  
feel so good**



is a safe guess that his digestion  
out of order. A cup of Benger's  
Food every night for a couple  
weeks would rest his stomach,  
soothe his digestion and help

to build its strength back to  
normal. Do your customers  
realise the unique *pre-digestive*  
properties of Benger's Food?  
Do you?

**Another case for Benger's Food**

100% of your customers need Benger's Food and are being educated to ask for it.

ORDERS & ENQUIRIES, PLEASE, TO



Made by BENER'S LTD., a division of

**BRITISH CHEMICALS & BIOLOGICALS  
LIMITED**  
LOUGHBOROUGH, LEICESTERSHIRE

# CRUDE DRUGS

**BROME & SCHIMMER**

WHOLESALE DRUGGISTS

BOTANICAL DRUG IMPORTERS AND SPICE MERCHANTS. DRUG AND SPICE MILLERS

7 LEATHER MARKET, LONDON, S.E.1



PHARMACEUTICAL CHEMICALS  
ALKALOIDS • DRUGS • OILS



Manufacturers of

**BENZAMINE & SALTS**  
**CUPFERRON**  
**METHYL ACETANILIDE**  
**THEOPHYLLINE & SALTS**

BULK & PACKED  
IMPORT & EXPORT

**HUFFER & SMITH LTD**

WHOLESALE & MANUFACTURING CHEMISTS

**CROYDON, ENGLAND**

Telephone: THORNTON HEATH 4266-7

Telegrams:

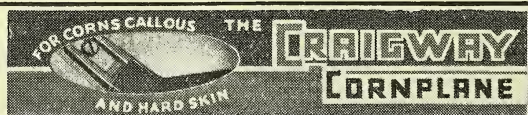
HAHU, CROYDON SANTONINIC CROYDON

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)  
**ALL QUALITIES**

**THE BRITISH DYEWOOD COMPANY LTD**  
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425

Telegrams: DYEWOOD



The remarkable success of the "Craigway" Corn Plane is due to the principle involved. The angle of the blade is the secret. This new profitable line only needs showing SELL!

Individually packed  
in cartons

**DISPLAY CARD OF 18**

RETAIL **2/3** PRICE

15/4 per doz. plus  
Purchase Tax  
Usual discount to  
Wholesalers

Sole Distributors:  
**CRAIG & PARSONS LTD., 82, Stafford Road, Wallington, Surrey**  
Phone: Wallington 3694

*quality...*  
*speed...*  
*reliability!*

DRUGS  
OINTMENTS  
CUSTOMER'S OWN FORMULAE  
PHARMACEUTICAL CHEMICALS  
ESSENTIAL OILS  
GALENICALS  
TABLETS

**J. GOODMAN  
CHEMICALS  
LTD**

— DEVONSHIRE WORKS CHISWICK W4 —

**AMBER****CHEMICALS**

**BROMISOVALERYLUREA**  
**BENZOCAINE**  
**BARBITONE SODIUM**  
**BUTOBARBITONE**  
**CHRYSAROBIN**  
**PHENAZONE**  
**THEOPHYLLINE ETHYLENE**  
**DIAMINE**



Please visit us at our Stand at the

**B.I.F.**  
**OLYMPIA — B.41**

**AMBER PHARMACEUTICALS LTD.**

MANUFACTURERS OF FINE CHEMICALS AND PHARMACEUTICAL PRODUCTS

**BYRON HOUSE, 7-9, ST. JAMES'S STREET**  
**LONDON, S.W.1.**

**Bush Beach & Gent L**

**BRITISH MANUFACTURED**  
**POTASSIUM SULPHATE**

(Commercial and B.P.C.)

**COMMERCIAL GRADE 94/95% —**

**Practically White**

Available for prompt and early  
forward delivery.

**B.P.C. GRADE**

Available for prompt and forward  
delivery Home and Export.

**ENQUIRIES INVITED**

**MARLOW HOUSE, LLOYD'S AVENUE,**

Telephones: ROYAL 7077/8/9 and 3057/8  
 Telegrams: Beafredma, Fen, London  
 Codes: A.B.C. 5th & 6th, Bentley's, Liebers.  
 Private, Western Union 5 letter  
 edition, Rudolf Mosse.

For  
**CONSISTENT**  
 Purity, Strength  
 and Quality

**POSTLIP**

MILL  633

**Filter Papers**

**EVANS, ADLARD & CO. LTD · WINCHCOMBE**

BOTANICAL & CRUDE DRUGS  
MENTHOL

CAMPHOR

LICORICE

AGAR

GUMS

WAXES

OILS

PHARMACEUTICAL & HEAVY CHEMICALS

CHARLES H.

WINDSCHUEGL

LTD.

1 LEADENHALL STREET,

LONDON, E.C.3

ESTABLISHED 1890

TELEPHONE:

ANSION HOUSE 0732

CABLES:

WINDSCHUEGL, LONDON

# Liquid Paraffin White Oils and Petroleum Jellies

Further information, samples and quotations on request to Dept. PA.1.

**PUREMOR LTD**

*Distributors for*

**MANCHESTER  
OIL REFINERY  
LIMITED**

**M.O.R GROUP OF COMPANIES**

**Twining Road, Trafford Park  
Manchester 17**

**BRITISH REFINED OILS**

**JKL**

**ADONIS VERNALIS  
AGAR AGAR  
ALOES  
CAMPHOR TABLETS  
CASSIA FISTULA  
CHAMOMILE FLOWERS  
CINCHONA BARK  
DANDELION ROOT  
LIQUORICE ROOT and  
JUICE  
MALEFERN ROOT  
NUX VOMICA  
TONQUIN BEANS**

and all other Botanicals

**JOHN KELLYS (LONDON) LTD**

24 OLD BROAD STREET, LONDON, E.C.

Telephone: LONDON Wall 4882, 6583, 62

Telegram: "Ergotine, Stock, London"

# ZEAL

## Clinicals

*The Choice  
of Experts*

**BRITISH  
MADE**

NO HIGH  
IN PRICE TH  
NONDESCRIB  
MAKES

Also Household, Bst  
and Works Thermomete  
the best of their kind

**G. H. ZEAL LTD.**  
LOMBARD RD., MORDEN RD.,  
LONDON, S.W.19

Phone: Liberty 2283-4-5



# Jason & Stuart

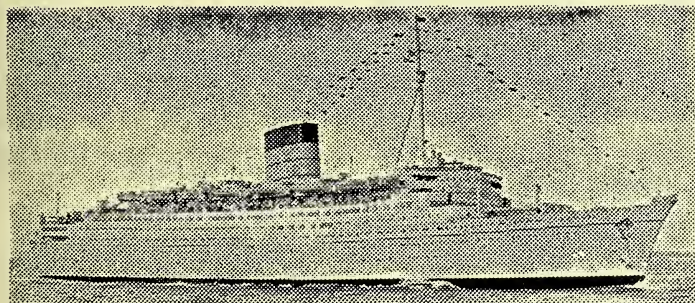
**PRODUCTS LTD.**

*Oldham, Lancashire.*

take pleasure in announcing that their products are  
now part of the HYGIENE service on board the  
WORLD'S GREATEST LINERS

'QUEEN MARY,' 'QUEEN ELIZABETH' and

The New 'CARONIA'



Trade enquiries to :-

**Plane Street Mill**

**Plane Street, Oldham**

Telephone : MAIN 3340

**FOR LADIES PERSONAL HYGIENE REQUEST:-**

**'MARIE' or 'DEBUSAN'**

100% BLEACHED COTTON WOOL with KNITTED COVER

**'SOLOUISE'**

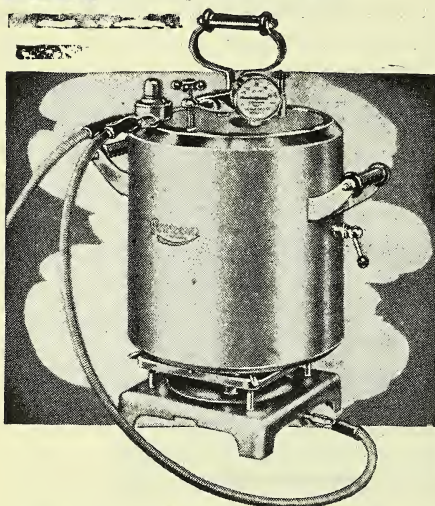
(SOLUBLE) with KNITTED COVER



PENTECON · PENTECON · PENTECON · PENTECON

# the advantages of the PENTECON

Autoclave



## THERMOSTATIC CONTROL

The thermostat, independent of the pressure factor, is the most accurate means of obtaining a consistent temperature. Designed for use over a gas ring or portable burner, it is constantly in control, after initial adjustment to suit the requirements.

Made from a special formula aluminium, the 'Pentecon' is light and handy to move about. The lid design provides a steam-tight joint, which cannot be opened under pressure.

To use saturated steam, allowing operation at lower pressure in relation to temperature, an Air Blow-off Valve is fitted. A Pressure Regulator Valve whistles when the required temperature is reached.

The temperature of a liquid in an open vessel within the 'Pentecon' can be checked by previously inserting a chemical thermometer through a gland in the lid.

CAPACITY—11" x 10½". Contents approx. 26 pints or seven 20 oz., or M.R.C. Standard Blood Bottles.

The 'Pentecon' is economical in price and operating costs. Price (excluding gas ring and flexible tubing, which are not supplied) **£16.16.0**

A fully descriptive leaflet will be sent, post free, on request to Dept. 3, Pentecon, Ltd., Accrington. Please mention the name and address of your normal supplier.

**PENTECON LTD. ACCRINGTON**

## \* Meet the demand

MAXIMUM  
AND MINIMUM  
TEMPERATURES  
RECORDED  
OVER ANY  
PERIOD WITH A



# SMITHS HYLOTH

Smiths' 'Hylotherms', by the makers of famous 'Sectric' Clocks, offer your customers a constant against damaging temperature variations. Superb old-type Thermometers. Accurate balancing and locking of pointers ensure absolute reliability. A button makes resetting instantaneous. Strong weather-proof cases. Gimbal bracket supplied for

**TV.471** Popular priced desk, table or marine thermometer with moulded ivory finish case and gilt bezel . . . . . Pr

# SMITHS

BAROMETERS  
BAROTHERMS  
AND THERMON

SMITHS ENGLISH CLOCKS LTD., LONDON  
The Clock & Watch Division of S. Smith & Sons (En

## The ORIGINAL



IS READY FOR THIS SEASON

## The safe SOLID FUEL

gives instant heat for instant use

## The sure DEATH to SLUGS

In packets, 10's—1/3, 20's—2/4  
and 50's—5/6

OBTAINABLE THROUGH YOUR WHOLESALE

Wholesalers' enquiries to :

**M. P. TOULSON LTD.**  
18 CHEQUER STREET, ST. ALBANS, Herts

# Tintex

## WINDOW DISPLAY COMPETITION

**£250** *in prizes*



**ENTRY IS FREE** Send at once for full particulars to:—

Dept. G, Tintex Dyes Ltd., 245 Oxford Street, London, W.1

*Every wholesaler is our Agent!*

**FILLING  
YOUR NEEDS...**

**AN AUTOMATIC  
FILLER for MEDICINES,  
ANTISEPTICS, ETC.**

ALBRO Filler illustrated is a  
model for the automatic  
of a large range of Pharma-  
cal products.

FISH—it's one of ALBRO'S  
age of Rotary Vacuum Fillers  
ult of 30 years' specialization  
ow Vacuum filling method.  
and completely automatic  
bodies exclusive ALBRO  
to fill your needs with speed,  
and economy!

**ENQUIRIES ARE INVITED**

**ALBRO**

**& ENGINEERING CO. LTD.**

Northampton Works  
15 Road, Wood Green,  
London, N.22

(Bowes Park 2217-8)



**Only ALBRO offers ALL these features**

- \* VALVELESS and Completely Automatic.
- \* Fills accurately to pre-determined level — no waste, overflow or drip.
- \* Bright polished stainless steel where in contact with product.
- \* Faulty bottles will not fill and are automatically rejected.
- \* Easily sterilized—rapidly adjusted to different size bottles.
- \* Conveyor delivers bottles from Washer to Filler—Filler to Capper.
- \* Models from 10 to 24-Head with outputs from 200-600 doz. per hour.
- \* Models for powders, creams, liquids into tins and drums; conveyor packing tables; stopper and lid pressing machines, etc.



**THIS  
JUNIOR  
MEMBER  
OF  
GARDNER'S  
FAMILY OF SIFTERS**

The "INDISPENSABLE" Sifter will gently sift a variety of powders as quickly and efficiently as its big brothers. Being easily accessible it can be quickly cleaned and is ideal for counter or sample work.

**Wm. Gardner & Sons (Gloucester) Ltd.**  
Bristol Road, Gloucester  
Phone: 21261 (3 lines) Grams: Gardner, Glos.  
London: 19, Gray's Inn Chambers, 20, High Holborn, W.C.1. Telephone: CHAncery 7347.

**VACUUM  
FLASKS**

in attractive colours  
at popular prices

London Delivery Free

**Special Terms to Wholesalers**

Your Sundries may be delivered  
twice weekly by our own vans  
in London and Suburbs

Please send for our FREE 36 Page  
price list or 'phone AVENue 4966 Ext. 1

**L. FRANKENBERG LTD**  
37 HOUNDSDITCH, E.C.3

**THE  
QUALITY BRAND  
OF SURGICAL RUBBER GOODS**

**SELKA**

PROPHYLACTICS, GLOVES,  
BOTTLE TEATS, SOOTHS,  
WHIRLING SPRAYS, ENEMA  
Etc.

**SELKA LTD**  
23 DERING ST., BOND ST., LONDON, W.1  
MAYFAIR 2412

**PREMIER ROLL FILMS**  
8 EXPOSURE PANCHROMATIC FILMS (30" SCH)  
Available from stock SIZES P.20, P.62, P.27, P.16

**PREMIER PHOTOGRAPHIC SUPPLY CO**  
Phone: 67 CALEDONIAN ROAD  
TER 5085 KING'S CROSS, LONDON, N.1

**CARTONS & BOXES**  
PRINTED OR PLAIN  
OF EVERY KIND, FOR EVERY PURPOSE  
**CARTON BOX & PRINTING CO LTD**  
BRINKSWAY, STOCKPORT.  
PHONE: - STD. 4700.

**SHOWCARDS** **DISPLAYS**  
**TRANSPARENT BOXES**

**Stock and Sale**

**Perihel**

Infra-Red and Ultra-Violet  
Ray Therapy Appliances.

**PERIHEL LIMITED**  
17 EDGE STREET • LONDON • W.8 Phone PARK 3

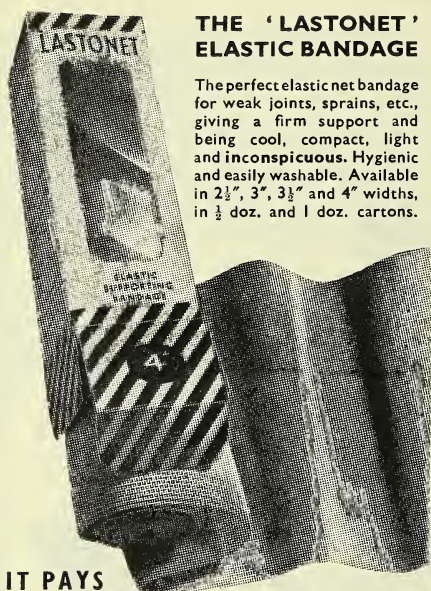
There's  
money  
in



Pharmacists who regularly display Rodine are amply repaid for their time and space by the continual demand for these most efficient rat poisons.

**RODINE RAT POISONS**  
**P.A.T.A.**

**HARLEY LTD., PERTH, SCOTLAND**



### THE 'LASTONET' ELASTIC BANDAGE

The perfect elastic net bandage for weak joints, sprains, etc., giving a firm support and being cool, compact, light and inconspicuous. Hygienic and easily washable. Available in 2½", 3", 3½" and 4" widths, in ½ doz. and 1 doz. cartons.

IT PAYS  
TO KNOW ABOUT

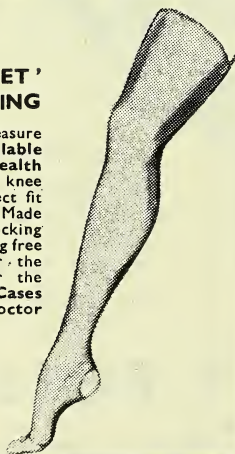
# Lastonet

PRODUCTS

### THE 'LASTONET' ELASTIC STOCKING

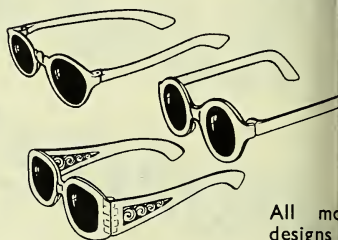
This ideal made-to-measure surgical stocking is available under the National Health Scheme. In thigh or knee lengths, ensuring perfect fit with complete comfort. Made entirely of net, the stocking is cool to wear, allowing free circulation of air over the skin. Invisible under the normal stocking. Cases certified urgent by Doctor supplied in 5 days.

Full details and particulars of Medical opinion from:—



LASTONET PRODUCTS LTD · GARN BREA · REDRUTH · CORNWALL

## SUNGLASSES



All mod  
designs  
IN ST

prices very competitive  
from 60/- per dozen as  
illustrated

Write now for our price list—

## C. JARVIS &

WHOLESALE AND EXPORT OPTICIANS  
119 PRAED STREET, LONDON, W.2  
PADdington 0120

## DRUM TILTS

for easy and safe draining  
40/45 gal. drums

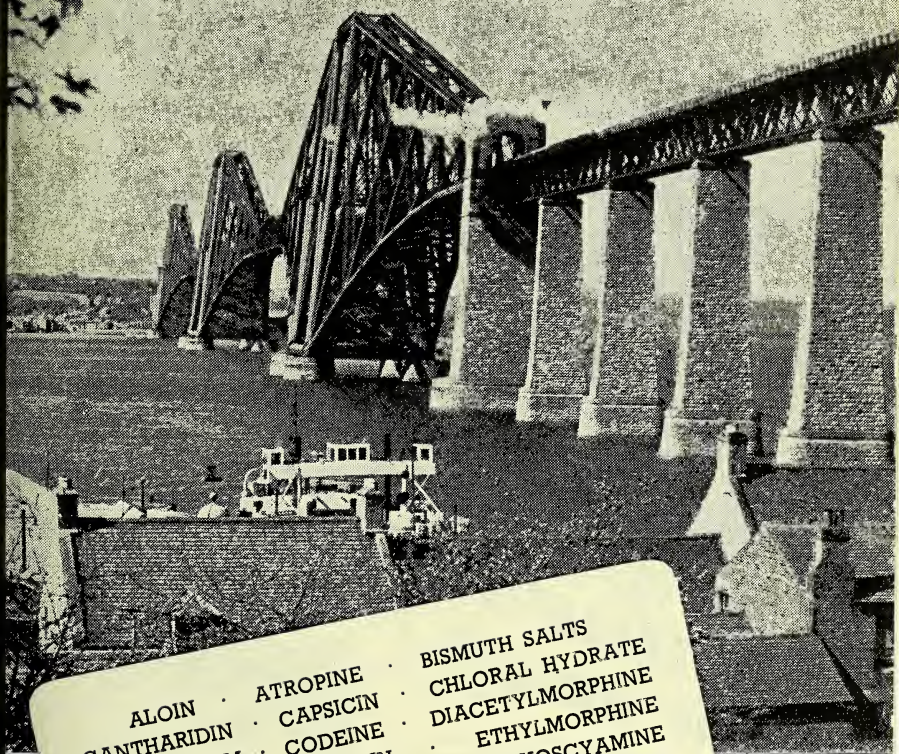
£3 · 10 · 0 each

## W. SHUPAK & CO. LTD

2 Stothard Place, Bishopsgate  
London, E.C.2

Telephones: Bishopsgate 9139 and 9130

*Famous the world over*



ALLOIN	ATROPINE	BISMUTH SALTS
CANTHARIDIN	CAPSICIN	CHLORAL HYDRATE
CHLOROFORM	CODEINE	DIACETYLMORPHINE
EPHEDRINE	ERGOTIN	ETHYLMORPHINE
GINGERIN	HOMATROPINE	HYOSCYAMINE
MORPHINE	PAPAVERINE	PHYSOSTIGMINE
PILOCARPINE	SANTONIN	STRYCHNINE



*Manufactured in Edinburgh by*  
**T. & H. SMITH LTD**  
*at Blandfield Chemical Works*

# ARE YOU SELLING?




## THIS SENSATIONAL NEW WASHER!

Intensive National and Local Advertising, backed by a really magnificent product at the economical price of 8½d. per 10 oz. box, is firmly establishing BROBAT SUDS as the perfect, all-purpose, soap-saving household washer. Get on to this line at once by writing or telephoning

**BROBAT MANUFACTURING CO. LTD**  
**WANDLE BANK, WIMBLEDON, S.W.19**

Telephone: LI Bert 7380/7390/2047



### Are YOU using BROBAT Suds?

**LARGE-SCALE  
NATIONAL  
ADVERTISING**

For all your household cleaning! Brobat Suds makes clothes washing easy, wash up a pleasure. Its 'live lather' soaks up the dirt — makes whites white — cleans, gives gleam and sparkle to crockery and tiles. There's no 'water' in Brobat Suds. Get a 10 oz. box or hardware

# COLCHICINE

B.P., U.S.P.

For use in Treatment  
of

**GOUT, ASTHMA, CEREBRAL  
CONGESTION and URAEMIA**

## d-Tubocurarine Chloride

The Pure Crystalline Alkaloid  
for securing Muscular Relaxation  
in Surgical Operation  
and Shock Therapy.

Manufactured by:

**PAL CHEMICALS LTD**  
PALORIT HOUSE, 11 HARROW RD., LONDON  
N9 2JL

# Femex<sup>REGD.</sup>

Drastic cuts

## 'FEMEX'

Sanitary Towels

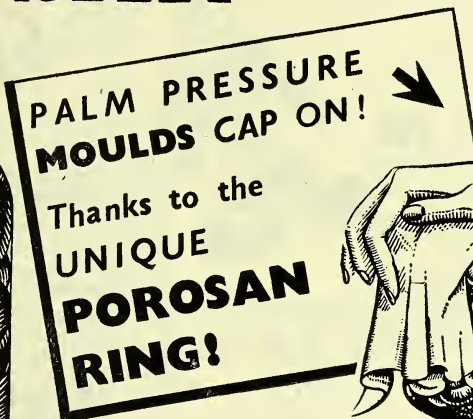
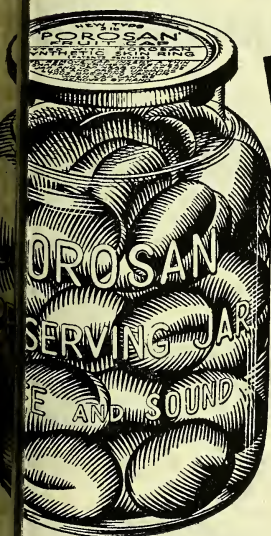
Femex No. 1.....	18/-	.....
Femex No. 2.....	22/6	.....
Femex No. 3.....	27/-	.....
Maternity.....	27/-	.....
Soluble No. 1.....	15/9	.....

High Quality unchangeable  
IMMEDIATE DELIVERY

**WILFRED STRETCH &  
LIMITED**  
**CASTLETON • ROCHDALE**

# Sealed for Big Sales

## POROSAN PRESERVING JARS



Thanks to the unique POROSAN Ring, which enables mere palm pressure to effect a perfect seal, the new POROSAN Jar is already in great demand. Fruit bottlers will appreciate its one-piece closure, the wide mouth for easy packing, and its sturdy "stack-em-up" shape. Stocks of all POROSAN lines are now available, but **ORDER EARLY** to ensure supplies in good time for the Season.

prices:  
size 7/6; 2-lb. size 9/6;  
size 12/6 per dozen.

**POROSAN**  
and Rings for 1-lb. and  
2-lb. jars or for replace-  
ment purposes for POROSAN  
caps and rings 3/- per  
dozen only. 1/- per doz.



**POROSAN**  
Preserving Skin for odd jars.  
Improved, thicker and better  
than ever before. Made in rolls  
sufficient for 6 and 18 jars at  
2/- & 5/- per roll respectively.



Distributors to Chemists

**MAW, SON & SONS, LTD**  
Box 54 BARNET, ALDERSGATE HOUSE, BARNET, HERTS.  
Marketed by POROSAN LTD. 4-5 WARWICK COURT, LONDON, W.C.1

Scientific

# CRASH

a proven  
winner!

PER  
**1/8**  
BOTTLE



During the past two years "CRASH" Fly Spray has won a large sale purely on its merits. It contains Pyrethrum and DDT and is deadly to flies, whilst harmless to children and pets. Pleasantly perfumed—won't stain.

**TO BE NATIONALLY ADVERTISED**  
IN THE LEADING DAILIES AND  
RADIO TIMES, CREATING A  
GREATER DEMAND THAN EVER  
BEFORE.

*Order your  
supplies today!*

Write for details of very attractive terms

**BELL & SONS LTD**  
SILVERDALE WORKS, LIVERPOOL, 13  
7881

**MARKSMAN**



VISIT US AT STAND No. D.45  
B.I.F. OLYMPIA MAY 2-13

**Leslie Marks & Company**

Importers and Exporters of Fine Sponges  
Chamois Leather Dressers

3-9 EARLHAM STREET, CAMBRIDGE  
LONDON, W.C.2 Temple Bar



**What every Housewife wants**

**9 1/2**  
PKT.

An entirely new scientific prod  
washing woollens and precious ga  
QUICK SALES — GOOD  
Write for full size sample pac  
personal trial.

Made by **O. M. SEMAN LTD**  
LADY MARGARET WORKS, SOUTHALL, M

# YOU

*have asked for it...  
and here  
it is!*



Also available in  
3 doz. Display Box at 25/6

## **NATIONALLY ADVERTISED**

- MORE THAN 1,000,000 PACKETS SOLD PER YEAR
- CLEAN, NON-POISONOUS AND SAFE
- HARMLESS TO CHILDREN AND PETS

*Display the*

Order from your  
Wholesaler or direct.

## **PACKS THAT SELL, SELL, SELL!**

AM PRODUCTS LTD. (C.D.), Dartmouth Park Hill, London, N.W.5



# MAY 2-13

*These Dates are Important—*

**to Manufacturers, Merchants, Trade Buyers, Salesmen and all who are concerned with Britain's industrial recovery**

THIS is our twenty-eighth annual trade fair. The world's greatest national assembly of manufacturers and buyers, at which three thousand exhibitors will reveal their latest products in a million square feet of exhibits. This vast market place is a testing ground of the year's effort—a significant spectacle—which concerns us all since Britain's future depends upon her productive skill.

For many months, in 33 languages, details

of this display have been reaching leading buyers overseas. During the Fair they land in Britain from every country in the world, and in numbers exceeding a thousand daily. These are our customers, the most important visitors of the year.

For Trade buyers from home or overseas 'BIF' means business, and during special hours of public admission it offers spectacular evidence of national recovery for us all.

## INFORMATION

**LONDON—Earls Court and Olympia.** Weekdays 9.30 a.m.—6 p.m. Buy Badges and Catalogues, 2/6 each, obtainable only at Fair. Public admitted Wednesday Saturday and Wednesday (May 4, 7, 11) 1/6 each building.

**BIRMINGHAM—Castle Bromwich.** Weekdays 9.30 a.m.—6 p.m. Buy Badges and Catalogues, 2/6 each, obtainable only at Fair. Public admitted daily from 2 p.m. (all-day Saturday) 2/6.

**DRUGS AND TOILET PREPARATIONS AT OLYMPIA**

# SUNRA GLASS

A moderately priced sunglass  
with the "expensive" look



RETAILS AT

**3s. 6d.**

(in two colour box)

Scientifically styled for men and women. Comfortable saddle bridge in two popular fittings.

Available in attractive colours: opaque, transparent and pearl, from your usual wholesalers. There are 12 other models of Sunspecs from which to choose which retail from 1s. 0d.



## OPTICAL PRODUCTS LTD.

370-372 STATION ROAD      FOREST GATE  
LONDON, E.7      ENGLAND

Telephones : MARYland 1766 & 1550

# Last to first

Some of 'Dettol' Ointment's most notable successes have been achieved where it was first prescribed as a last resort. So remarkably helpful has it been in relieving and clearing up obdurate skin conditions, that in many cases today, when a sedative, antiseptic dressing is called for, first resort is to 'Dettol' Ointment.

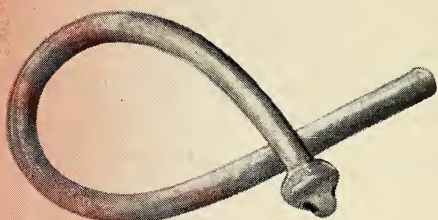
You may confidently suggest

**'DETTOL' OINTMENT**

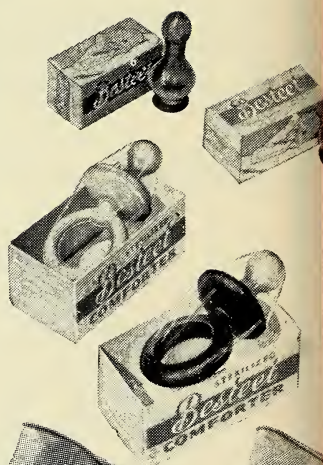
BRAND

*Soothing and actively antiseptic*



**CATHETERS**

De Pezzar gauge 26—40

**TEATS**Crystal clear. Weight  
14 ozs. per gross. First Class**SOOTHERS**High Gloss. Absolute  
Security**RUBBER  
GLOVES**Medical, Surgical,  
Household and  
Industrial**BATHING CAPS**High class bathing cap at  
moderate price 3/11 to  
the publicA FEW OF THE MANY  
LINES MADE BY . . .

# Latex

Telephone  
TERMINUS  
7824**SURGICAL PRODUCTS LTD**General Latex and Moulded Rubber Works  
33/34 RODNEY STREET, LONDON, N.1, ENGL

large and striking  
national advertising  
will introduce  
**bandbox *comb-a-curl***  
to every woman in  
every corner of  
the kingdom

**PROFITABLE MARKET FOR YOU**

full colour

cinemas

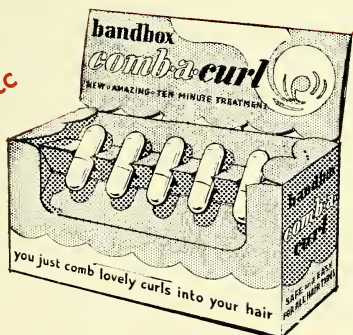
illustrated  
Picture Post etc

posters

showcards

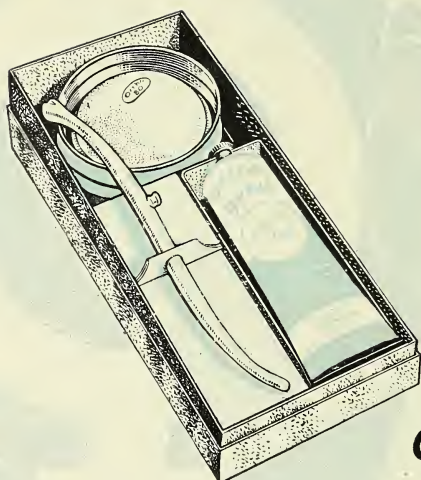
full pages

point-of-sale aids



If our representative has not already seen you please write to:

Bandbox Laboratories Ltd., 120 Victoria Street, London, S.W.1.



**Ortho-Gynol  
Sets  
Ortho-Creme  
Sets**

*An important addition to the outstanding range of*  
**Ortho Gynaecics**

The universally prescribed contraceptives—*Ortho-Gynol* vaginal cream and *Ortho-Creme* vaginal cream—are now available in complete sets with the new *Ortho Vaginal Diaphragm* and *Diaphragm Intersperser*. *Ortho-Gynol* and *Ortho-Creme* are *always* in demand—and the range is constantly expanding. You will be wise to feature these attractively and neatly packaged Sets in your display of Ortho Gynaecic specialties.

Consistently and  
ethically promoted  
to the Medical  
Profession.

When ordering from your wholesaler specify **ORTHO-GYNOL**  
or **ORTHO-CREME** Sets (size range 55-90).

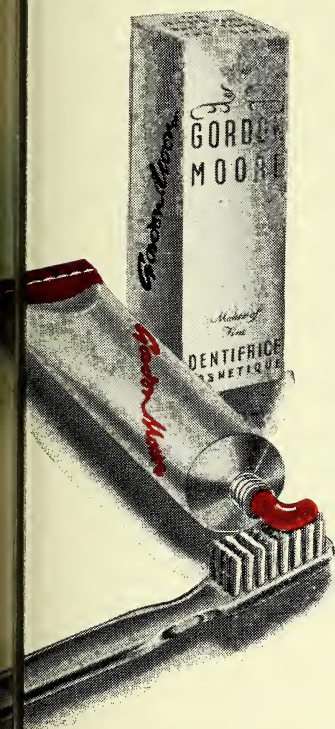
**Ortho Pharmaceutical Limited**  
HIGH WYCOMBE • BUCKINGHAMSHIRE  
*Makers of Gynaecic Pharmaceuticals*

# IS A WICKED RUMOUR

to say that

## GORDON-MOORE'S COSMETIC TOOTHPASTE

*is in short supply*



You can have all you want—  
and most chemists today  
want plenty !

Undoubtedly the finest  
toothpaste in the world.

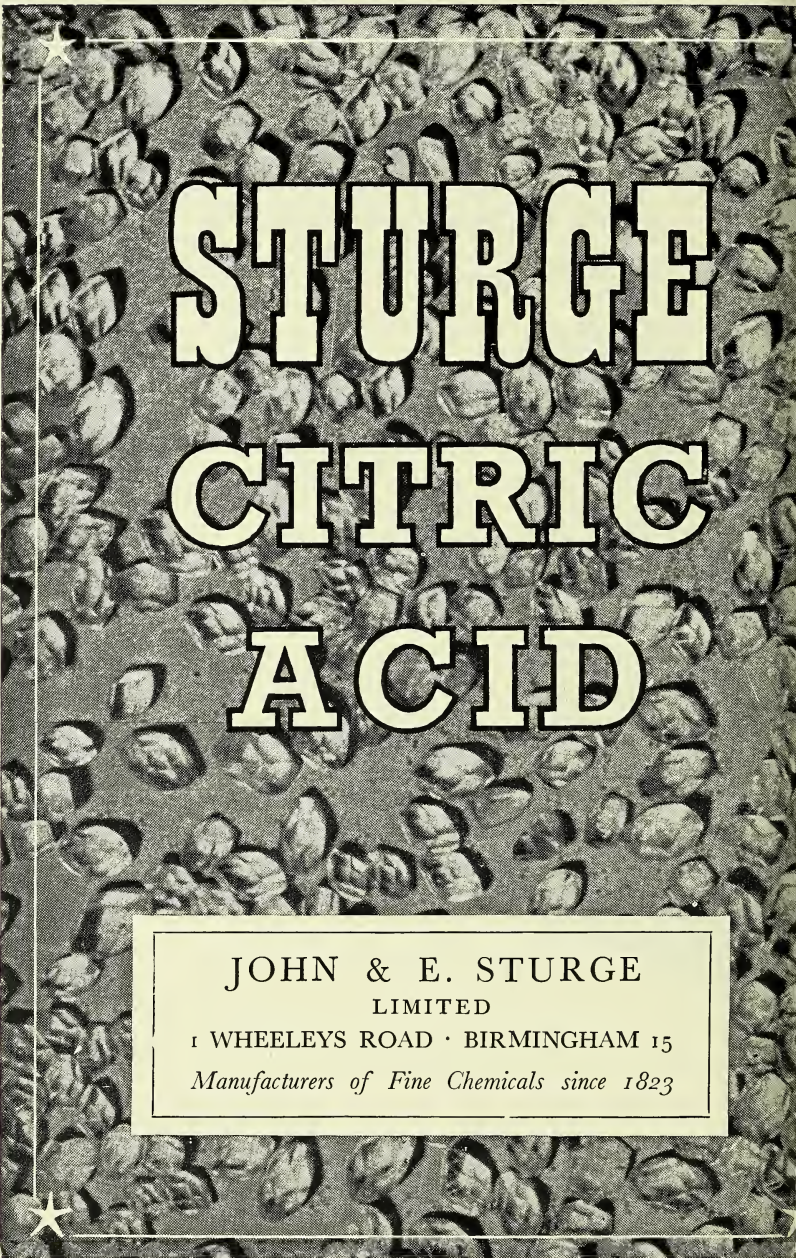
Now being extensively  
advertised.

THE CRIMSON TOOTHPASTE WHICH ROSE-TINTS THE GUMS AND MAKES TEETH LOOK WHITER

*At 2/6 a tube the profit is good*

**GORDON-MOORE & CO. (LONDON & HOLLYWOOD)**

Sinclair Road, London, W.14. Telephone: Shepherds Bush 1131-1132

The background of the advertisement is a dense, repeating pattern of lemon slices, showing the textured rind and the segmented pulp. The slices are arranged in a somewhat irregular, overlapping manner, creating a vibrant and naturalistic texture.

# STURGE CITRIC ACID

JOHN & E. STURGE  
LIMITED

1 WHEELLEYS ROAD · BIRMINGHAM 15

*Manufacturers of Fine Chemicals since 1823*

★ **LIGHT-UP**  
**YOUR WINDOWS**  
**WITH**  
**Osram**

**The wonderful lamp**

A *S.E.C.* PRODUCT

Windows are magnets when the lights are on!  
With bright and attractive illumination they can  
once again play their full part in selling your goods.

★ **TUNGSTEN FILAMENT . . .**  
**FLUORESCENT**  
**TYPES**

*Your supplier can give immediate delivery*

# KENYA PYRIETHIRUM *for your Insecticide*

**Swift**



**Safe**



**Certain**



You are invited to consult  
the European Agents

**MITCHELL COTTS  
AND COMPANY LTD**

WINCHESTER HOUSE, OLD BROAD ST. LONDON E.C.2

Representing the  
Kenya Farmers Association (Co-op) Ltd.  
Agents under the Sale of Pyrethrum Ordinance.

JOHN KNOX · JOHN KNOX · JOH

A Selection from  
*Jaynox*

Range of Chemists Sun

Jaynox Nail Scissors  
6 on card 10/- per

Jaynox Cuticle Scissors  
6 on card 11/- per  
(3 bent—3 straight)

Jaynox Nurses Scissors  
12 on card 33/6 per  
(Blunt/Sharp)

**JOHN KNOX** (STOKE-ON-TRENT)

Jaynox Works,  
King Street,  
Fenton,  
Stoke-on-Trent.

**PATA**

Jol  
(Midlan  
26/38, D  
Birming

JOHN KNOX · JOHN KNOX · JOH

**'Semprolia  
D. D. T.  
HAIR EMULSION**

*...a new  
effective treatment  
for head lice..*

A new for  
Emulsion,  
D.D.T. as  
ingredient,  
control of  
Pleasantly  
and simple to  
Apply by mas  
the scalp. No  
required excep  
removal of dead  
ment is eco  
individual appl  
drachms only.  
List price 8/-  
Retail price 1/3 (inc

ALSO STILL RECOMM

**'Semprolia  
MEDICATED (LETHA  
HAIR OIL N.W.F.**

STEMCO Ltd., 128 Albert St., Camden To  
Agents in Eire: May Roberts (Ireland) Ltd.

# DISPLAYS bring *ALL your* **'ASPRO' PUBLIC IN!**

It is only by continuous display that you will discover just how large 'ASPRO' demand is to-day. For the 'ASPRO' public grows ever greater. 'ASPRO' is proof against any "ups and downs" in the market—changes in purchasing power, fashions or habits. The success of 'ASPRO' is reaching unique proportions simply because it is a good product which more than fulfils its claims, and which is well, widely and persistently advertised.

## **'ASPRO' 5's NOW PACKED IN 6 DOZ. SHOWBOXES AGAIN**

The easing of the supply position now enables us to revert to the pre-war 5's showbox of 6 dozen. At the same time we are reintroducing the pre-war minimum bonus quantities of 6 dozen 5's or 3 dozen 27's. Otherwise bonus terms remain unchanged as follows—

6 doz. 5's qualify for a  
bonus of 6 packets of 5's.

3 doz. 27's qualify for a  
bonus of 6 packets of 27's  
provided that 14 days' window display is given.

Bonus quantities are *pro rata* for larger orders. All bonus is entirely free of cost to you. The 6 packets of 5's retail at 2/- and the 6 packets of 27's at 8/6, so—

**UAIN OVER 32% EXTRA PROFIT WHEN YOU BUY  
E TWO SIZES ON FULL WINDOW DISPLAY TERMS**

Made in England by  
ASPRO LIMITED, TRADING ESTATE  
Slough, Bucks

**ASPRO**  
REG. TRADE MARK

STILL USING

*pink string  
& sealing wax?*

Seal those packages and parcels the modern way—with quick, clean, easy-to-use Sellotape!

Colourless, coloured, or printed with your own

advertisement, Sellotape seals securely, smartly and quickly, *without* moistening

Use Sellotape for protecting all your bottle labels, too—it keeps them clean and legible; free from drip-marks and damage. Write for full details of the Sellotape

range of sizes and colours, and for particulars of the handy dispensers for resale to the public.



# Sellotape

SELF-ADHESIVE CELLULOSE TAPE

GORDON &amp; GOTCH LTD., DE

75-79 FARRINGDON STREET

LONDON, E.C.4

## REGULAR Deliveries in ALL A

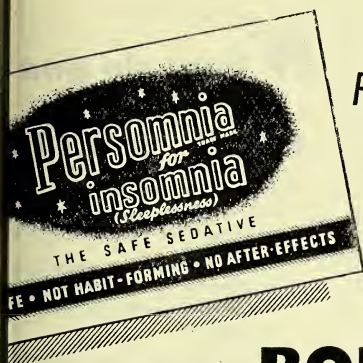
- PROPRIETARY GOODS
- Pharmaceutical Preparations
- TOILET REQUISITES
- Dressings and Cotton Wools
- DRUGS AND SUNDRIES

We give an efficient wholesale service, and you can rely on courteous and careful attention to your particular needs.

# SIDNICK & Co.

11-12, FINSBURY SQUARE, LONDON, E.C.2.

Telephone: MONARCH 5642/3



YOU ARE  
REMINDING THAT THE



## SPECIAL BONUS OFFER

FOR 'PERSOMNIA' DISPLAY

*In Window and/or Counter*

**CLOSES ON APRIL 30th**

If you have not yet taken advantage of this offer do so now! Complete and post at once the special order form recently sent you, or, if this has been mislaid, cut out and send either of the offers below.

### OFFER "A"

2/6 PERSOMNIA  
5/- PERSOMNIA **FREE**

In return for 21 days  
WINDOW AND COUNTER DISPLAY  
each chemist shop or branch will be supplied with NOT MORE than 2 display cartons, each containing 12 x 2/6 and 6 x 5/-  
INVOICED AS 10 x 2/6 and 5 x 5/-

### OFFER "B"

2 x 2/6 PERSOMNIA  
1 x 5/- PERSOMNIA **FREE**

In return for 21 days  
COUNTER DISPLAY  
each chemist shop or branch will be supplied with NOT MORE than 1 display carton, containing 12 x 2/6 and 6 x 5/-  
INVOICED AS 10 x 2/6 and 5 x 5/-

- A. By increasing your order with other 'C.P.L.' lines to a net value of £5 you automatically qualify for the extra 10% bonus discount.  
B. Free window and/or counter display material supplied with all orders.

**CLINICAL PRODUCTS LTD.**

RICHMOND



SURREY

Send your orders to Sole distributors of C.P.L. lines in the U.K.:  
Dore Medicinal Products Ltd., Aberdeen and London

*Dental Sticks  
are specially  
made for  
massaging the  
gums - They  
are not Tooth-  
picks —*

Dental Sticks are manufactured from various types of specially selected soft and hard woods and also from whalebones and are intended entirely for massaging the gums between the teeth.

BRITISH DENTAL STICKS LIMITED  
NEWCASTLE-ON-TYNE 4

## Where do you see

with

## EVAN WILLIAMS

When you have a moment—if ever—to see the back-breaking increase of work engaged in the new Health Service—just make a note

All Evan Williams' Lines give you the maximum profit allowed under Government regulations in force at the moment.

Never, for any line, is the minimum profit to yourself less than 50%.

When being inveigled with tempting discounts at first glance seem more generous, remember, Evan Williams have built a sound reputation with the public during the last 50 years, for quality, dependability and consistency.

## EVAN WILLIAMS CO.

Aintree Rd., Perivale, Greenford, Middlesex

### HELP REFILL YOUR SHELVES by saving more containers for the C.R.S. vanman

Every time a C.R.S. container is replaced, some part of a dollar bill for the cost of raw materials, and in a year that adds up to a dollar of dollars that might have been spent on the purchase of much-needed goods to fill empty shelves.

Saving empty C.R.S. containers helps welcome goods flowing in, and unnecessary goods flowing out. Remember that when the vanman calls.

## Container Recovery Service

S.P.D. LIMITED, 3-5 SALISBURY SQUARE, LONDON, E.C.4

CRS 56-693-80



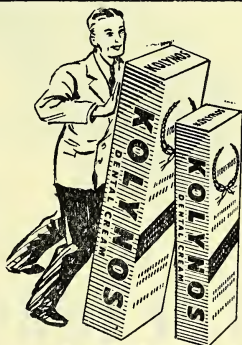
...ists praise **KOLYNOS**



Millions use **KOLYNOS**



Children love **KOLYNOS**



Push **KOLYNOS**  
**YOUR profit is 34 1/3%**

ON FULL CO-OPERATION TERMS

OUR CUSTOMERS can't help reading 'Kolynos' advertisements. Each tells a story in pictures. You know an advertised product sells... and sells. Display 'Kolynos' and remind customers to buy from you. And, by the way, how is your 'Kolynos' stock?

**INTERNATIONAL CHEMICAL CO. LTD.**

Chenies Street, London, W.C.1

**THIS  
SUMMERS  
BEST  
SELLER**



**Cox's**

inventors  
of the  
first  
D.D.T.  
flypapers

introduce

THE  
NEW

ARTISTIC COLOURED

**D.D.T. PARROT**

GUARANTEED 100% IMPREGNATED  
EACH CAN KILL 10,000 FLIES

**ORDER  
NOW**

retail **4½<sup>d</sup>** each

Also  
Cox's  
Original  
Flypaper  
**3<sup>d</sup>**

**JAMES COX & CO.**  
(Manufacturing Chemist)

368 Northolt Road  
S. Harrow, Middx.

Tel: BYron 4326

**Steadily drifting South**

**Askit**

THE POWDER WITH A REPUTATION

**For over 30 years  
Scotland's leading  
Proprietary Medicine**

for the speedy relief of  
Headaches, Neuralgia, Neuritis  
and all Nerve Pains.

Manufactured by  
ASKIT LTD MANUFACTURING CHEMISTS  
GLASGOW N

and stocked by  
ALL LEADING WHOLESALE HOUSES



**Johnny  
Bunny** CHILDREN'S  
COUGH  
PASTILLES

Retail  
Price  
**1/3**  
INCLUDING TAX

Limited Supplies Available

**THE BRYNN MANUFACTURING CO.**  
ASHTON-IN-MAKERFIELD  
LANCASHIRE

# TAX FREE DISPENSING PACKS

H.M. Customs and Excise have approved the undermentioned packings for sale to authorised sellers of poisons as tax free dispensing packs on and after May 2nd, 1949:—

**CAROVIT** tablets 300's and 1000's

**CODOFORME BOTOL**

tablets 250's

**ENTROSALYL** capsules 200's and  
1000's

**TAXOL** tablets 500's

**URALYSOL** granules 16 oz.

Orders for the above packings from persons not registered for tax should be clearly endorsed —“Dispensing Packs.”

## CONTINENTAL LABORATORIES LTD

101 GREAT RUSSELL STREET, LONDON, W.C.1.

PHONE: MUSEUM 2042/3

TELEGRAMS: TAXOLABS, PHONE, LONDON

# Good business this **Nufix**



**L**IGHT, creamy Nufix is a hair dressing customers know by name, remember for its quality, ask for again — and again. An extra-special dressing with a reputation to match — backed by new, hard-hitting national advertising.



*It's an* **EDME** *product!*

# BEVAREX

*A nourishing and sustaining*

## MALT FOOD BEVERAGE

*of OUTSTANDING merit*

Retails at 1/8 per 6 oz. tin  
Wholesale 13/6 doz.



**EDME LTD., IMPERIAL HOUSE, REGENT STREET, W.**

Telephone: REGent 5563-4

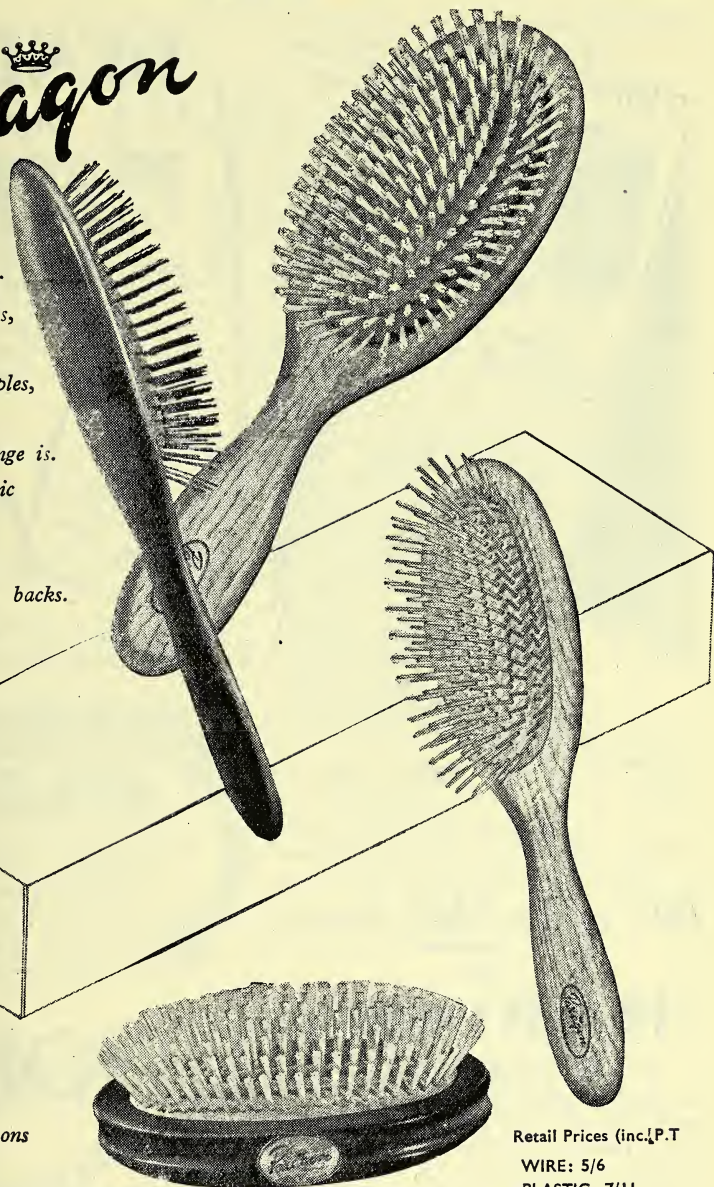
Grams: "EDME," Piccy, London

Works: MISTLE

# Paragon

known for  
hair brushes,  
with pride  
typical examples,  
must how  
extensive the range is.  
Nylon and plastic  
available,  
either natural  
coloured wooden backs.

ely boxed  
coloured cartons  
series are  
led from home and overseas buyers.



Retail Prices (inc. P.T.)

WIRE: 5/6

PLASTIC: 7/11

NYLON: 11/6

PARAGON (Brushes) LTD  
51 REGENT STREET, LONDON, W.1. Tel.: REGENT 1058-9-0

a  
**2-MINUTE SECRET** ★



Daily Mail  
News Chronicle  
Daily Express  
Daily Herald  
Daily Mirror  
Daily Graphic

Every Woman in Search of  
**LOVELY HAIR**  
Should be Told!

For over 60 years the two-minutes a day practice of "HARLENE-HAIR-DRILL" has been the secret of countless women, and men too, who are the possessors of beautiful, healthy and abundant hair. This wonderful finger-tip massage with

**"HARLENE"**  
**HAIR GROWER AND TONIC**

will work an amazing transformation. especially if your hair is weak, brittle, thin or falling. New colour and shaft, scurf be given to every hair root and so will that and dandruff will vanish. "HARLENE-HAIR-DRILL" - 2-day and you will be delighted with the obvious improvement. It is the only "Hair Grower and Tonic" licensed with "Hair Growers and Stores" obtainable from Chemists and Stores.

★ **Send for FREE BOOKLET.** — **YOUR HAIR** means to you — it is a veritable mine of information on how to make and keep your hair really lovely. Send 1d. stamped addressed envelope for a copy to —

People  
Express  
Sunday  
Sunday  
News of

Pictorial  
the World

**EDWARDS HARLENE LIMITED**  
(Dept. S.G.2) 58 Gough Street, London, W.C.1

The  
**"2-MINUTE SECRET"**  
**CAMPAIGN**

★ In leading Dailies, Sundays and Magazines this recently launched campaign is reaching an audience of MILLIONS!

**BUT — It's NO Secret**

That

**"HARLENE"**  
**IS SELLING!**

Selling to-day just as it has done for nearly 70 years because it is a household name constantly before the public. Take advantage of this big new campaign by keeping your stocks and displays of these world famous "HARLENE" lines right up to the mark!

**EDWARDS HARLENE LIMITED**  
**58 GOUGH STREET, W.C.1**

**PATA**

# DESBY'S

pure  
**HONEY, GLYCERINE & LEMON**  
**Cough Lincture**

a popular product at a popular price, made from real Lemon Juice, pure Honey and Glycerine. The ingredients speak for themselves—you cannot afford not to stock this quick-selling lincture.

Ask also for particulars of our other food products

Sole  
Distributors  
in Scotland  
Pharmaceutical  
Distributors  
Ltd., 187, St.  
Vincent Street,  
Glasgow, C.2.

**STOCK  
and  
DISPLAY**  
— it sells  
itself

Manufactured by  
D Bee Food Products Ltd., New Charles St., Goswell Road, London, E.C.1

**SURE-SELLING STOCK**

OVER 150 YEARS REPUTATION

**KEARSLEY'S**

THE ORIGINAL

**WIDOW WELCH'S PINK**

9d. BOX PROFIT by ordering 1 dozen 3/3½ size. Bonus box given on every dozen (13). It pays to push the

**C. & G. KEARSLEY**  
71 Dartmouth Rd., London, E.C.3  
Est. 1787

**ELDON**  
**VAPORISERS**

**P.A.T.A.**

**HALL FORSTER & CO. LTD.,**  
NEWCASTLE UPON TYNE

For use with  
**FENCIBLE FLUID**



# Our 1949 PRICE LIST is now ready

A revised edition of our price list is now available. It gives the wholesale rates for

**TABLETS · PILLS  
LOZENGES · CAPSULES  
& SUPPOSITORIES, etc., etc.**

which are official in the B.P., B.P.C., and N.F., together with the prices for a few non-official formulæ. We shall be pleased to send a copy to wholesale and manufacturing chemists and hospital Pharmacists, on request.

## **MATTHEWS & WILSON LTD**

*Manufacturing Chemists*

**68 COLE STREET, LONDON, S.E.1**

Phone HOP 2147/8

*Established 1894*

**TYPICAL EMULSIFIERS**

(from the "Estax" Range)

Glyceryl monostearate • Propylene glycol mono-  
stearate • Self emulsifiable cetyl  
alcohol • Self emulsifiable lauryl  
alcohol • Sulphonated lauryl alcohol  
Poly oxyethylene glycol esters  
Pentaerythritol esters • Diethleneglycol  
monostearate

**THICKENERS &  
STABILISERS**

PROMULSIN (poly-galacto-xylose)—Food Thickener  
PROVISCOL WAX Cream Thickener • METHYL  
CELLULOSE for Toothpastes • CARBOXY METHYL  
CELLULOSE for Detergents

**VISIT US**  
at the  
**B.I.F.**

MAY 2-13  
OLYMPIA  
STAND B.16

**FINE CHEMICAL**

now available from stock

Ephedrine Hydrochloride • Pentamethylenetetrazol  
Tetrazol • Adrenaline Hydrochloride  
Procaine Hydrochloride • Methylphenylpropanolamine  
Propyl parahydroxy benzoate • Benzoyl peroxide  
Benzonitrile

**COSMETIC  
MATERIAL**

Thioglycolic Acid • Ammonium Thioglycolate  
Fixatives (Sweet and Heavy Ambre etc.) • Scented  
(Glycols, Alcohols) • Promulsin Wax for Vaseline  
Creams. B.P.S. Lipstick base

**WATFORD CHEMICAL CO. LTD.**

30 BAKER STREET • LONDON • W.1

Phone: WELbeck 0264/8 • Cables: Watchempro, London

*New Exclusive***PLASTIC NAIL LACQUER***Superlative Quality. All shades and Pearl*

Hardest Wearing Does Not Chip  
Bulk or Packed Home or Export

*Enquiries invited from Packers, Wholesalers  
and Retailers.*

**PREPARE**

Your stocks of Leg Tan

**NOW**

for the coming season

USING AS USUAL

**SELECTA LEG TAN DYE**

New Super-sensibilising formula in  
Beige, Tan, and Suntan

15/- pkt.

Labels and Bottles supplied if required

Ready Packed (4 oz.) 9/- doz. + P.T.

**LOVELUCK EDWARDS & CO.**

432/440 GARRATT LANE, LONDON, S.W.18

**RECOMMENDED FOR NERVOUS**

DR. NIBLETT'S  
**VITAL RENEWER**  
NERVE SEDATIVE

TRADE DISCOUNT 33 1/3%

**C. P. NIBLETT** (Est. 1880)

10 LICHFIELD TERRACE, RICHMOND, SUR.

Telephone: RICHmond 3221

*A NEW and  
PROFITABLE  
line —*

To retail at 2/6 per bottle,  
sufficient for four Treatments

Write for sample and leaflet to—

**METROPOLITAN DRUG CO. LTD.**

35 OLD BOND STREET, LONDON, W.1

*Gill's*  
**DANDRUFF  
REMOVING  
SHAMPOO**

# BIOLOGICAL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY  
EQUICAL WITH THAT OF PRE-WAR PREPARATION

Due to our heavy purchases immediately before war broke out. Our stocks  
are still considerable and the high MBL standard will be fully maintained.

THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

				Retail Prices	CHEMISTS' PRICE					
					Per unit			Per dozen		
				(inclusive of Tax)	Net	+	Purchase Tax	Net	+	Purchase Tax
<b>NEOL</b>										
<b>MENT</b>										
	4 oz. tube	...	...	7/5	4/2½	+	1/5	50/5	+	16/10
	40 gr. "	...	...	3/8½	2/1½	+	8½	25/3	+	8/5
	20 gr. "	...	...	2/1	1/2	+	5	14/-	+	4/8
	40 c.c. bottle	...	...	3/8½	2/1½	+	8½	25/3	+	8/5
<b>HALMO-ANTIPEOL</b>										
	Nozzled Tube	...	...	3/8½	2/1½	+	8½	25/3	+	8/5
	" "	...	...	1/9	1/-	+	4	11/11	+	4/-
<b>HO-ANTIPEOL</b>										
	Nozzled Tube	...	...	3/1	1/9	+	7	21/-	+	7/-
	" "	...	...	1/9	1/-	+	4	11/11	+	4/-
<b>PROFAGOS</b>										
	50 ampoules	...	...	19/-	13/3½		None	159/7		None
	10 "	...	...	4/3	3/-		None	35/8		None
	5 "	...	...	2/6	1/9		None	21/-		None
<b>NSYL</b>										
	500 tablets...	...	...	43/-	24/-	+	8/-	288/-	+	96/-
	of 50 "	...	...	4/11	2/8½	+	11	32/4	+	10/10
<b>JAMES' BALM</b>										
	approx. 2½ oz.	...	...	3/1½	1/11	+	7½	22/6	+	7/6
	1 oz	...	...	1/7	11	+	4	11/3	+	3/9

Carriage paid on all orders of 1 dozen or £1 and over.

Terms: NETT, Monthly Account.

BIO-COLOGICAL LABORATORIES LTD., LONDON, S.E.25

**Be  
on  
your  
guard**



Pharmacists are reminded that the sole selling agents for Serocalcin in the U.K. are J. C. Eno Ltd., Watford, Herts. (Watford 7761) to whom all orders and enquiries should be sent.

The danger season is here : that time of the year, between March and May, when the warmth of the Gulf Stream and strong rays of the sun vie with the cold winds from the north for supremacy. In the ever changing temperatures that result, colds and chills become more frequent. This is the time when SEROCALCIN is a particular aid in the prevention and treatment of the common cold. Place your orders in good time to meet the increased demand for Serocalcin.

**PATA**

# SEROCALCIN

**FOR THE PREVENTION & TREATMENT OF COLD**

HARWOODS LABORATORIES LTD. · WATFORD · HERTS

APRIL 23, 1949

# Chemist & Druggist SUPPLEMENT

HEAD OFFICE: 28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: Central 6565 (10 lines)

Classified Advertisements must be prepaid.

Telegrams: "Chemibus, Estrand, London"

For rates see sectional headings

## ORRIDGE & CO. (Established 1846)

SALES, PURCHASES, VALUATIONS, STOCKTAKING and ASSESSMENTS

1. **Coast.** Light retail with photographic accommodation. Returns exceed £6,000. Excellent accommodation. Freehold may be purchased on 21 years' lease, would be granted. Business only £4,500.

2. **Western Counties.** Branch business for discharging to management difficulties. Turnover over £3,000 last year. Scope. Manager and staff employed. Good living accommodation. Good. Valuation terms considered or lump sum purchase price £1,500.

3. **Leicestershire.** High-class business, takings average £14 per week under management. Excellent connection. Rent and rates £264 p.a. Total inclusive purchase price £3,500, valuation terms entertained.

4. **South Africa, Transvaal.** Having accepted a position in Johannesburg vendor desires to sell business. Turnover £900 to £1,000 monthly. Low rental. Excellent profits. Stock approximately £3,500. Price required for fixtures and fittings £3,250 or alternatively £6,750 all at. Vendor will accept £3,000 down and remainder over an agreed period.

Excellent opportunity. We have many very substantial businesses for sale in the Union making between £1,000 and £7,000 per annum net. Printed details upon request.

5. **Southern England.** Wholesale chemists' distributing business. Turnover last completed financial year over £8,000. Two-storey brick-built warehouse held on valuable lease. Traveller employed. Total value of stock, fixtures, fittings and equipment approximately £4,500. Nominal sum only required in respect of the goodwill. Particulars on application.

6. **Essex.** Good-class town, few miles out. Freehold property in main road. Extraordinarily attractive living accommodation; 3 bedrooms, 2 living rooms, garden and double garage, etc. Beautifully fitted pharmacy. Turnover this year £5,500 to £6,000. Scope. Freehold for sale. Price of business £3,000 plus stock estimated at £500.

7. **Tasmania.** Old-established business, excellent dispensing, 5,000 prescriptions per annum. Rent 30/- per week. Modern house available. Net profit £1,350 per annum. Price for freehold and business approximately £5,500.

### 184 STRAND • LONDON • W.C.2

Telephone: TEMPLE BAR 9212/3—6340

Telegrams: Orridgechem Estrand, London

Branch Offices: 36 Cannon St., Birmingham, 2.  
77 High St., Shirley, Southampton.

Phone: Midland 6547  
Phone: Southampton 71708

### BUSINESSES FOR DISPOSAL

8/6 (minimum) then 3d. per word. Box 2/-

1. **AR-OLD** wholesale proprietary speciality (North) willing to tie-up with a national or sell his living and retire for £10 a £1 tremendous potentialities with a thoroughly established connection. A marvellous and registered name which has been "Played rather than have the "Big Firm" men—health and petrol supply the only reason for going with a 22-year-old "Baby" whom the could make into a most important inter-business. £400 p.a. nett return from each active easily practicable. Box 6/112.

2. **SHAM, nr. city.** Old-established business. Ideally suited to owner-manager. Substantial living accommodation nearly pays rent. £3,500, plus N.H.S. Prescriptions £1,000 per month. Genuine reason for sale. Fittings and goodwill, £1,850, plus stock, £1,250. Box 6/117.

3. **ISLANDS.** Pharmacy with increasing occupying prominent main road position; for 1948/49 £2,750 approximately. Expense, no near opposition. Price £1,800 plus stock and fixtures estimated at £1,150. Prepared to allow a trial period and to accept payment terms if so desired. Further particulars upon application to Ernest J. George 329 High Holborn, London, W.C.1.

**ESSEX** (good-class seaside resort). Well-established and attractively fitted pharmacy with exceptionally good living accommodation; premises situated near to sea front; the turnover for the last financial year was approximately £5,800, and is now averaging about £140 per week. Good lease at economic rental. Total price £6,000, including stock and fixtures estimated at £3,000. Genuine reason for selling. Box A/76.

**FOR SALE.** Patent medicine firm with nationally and extensively advertised and distributed line. The firm has built up an excellent connection throughout the country and the line shows steadily increasing sales. This is a first-class opportunity to acquire and extend a very promising and flourishing business. Apply in the first instance to Box No. 1194, Peter A. Menzies Advertising, 111 Bath St., Glasgow.

**LONDON, EAST HAM AREA.** Old-established chemist business and leasehold property for sale. Takings about £3,200 p.a. N.H.S. about 900 prescriptions a month. Excellent living accommodation. Property, £2,500. Goodwill, fixtures and fittings, £1,950. S.A.V. Write to Box 6/75.

**OPTICIAN, CHEMISTS' SUNDRIES.** Opening chemists. Large Sussex coast town. Busy position. Attractive modern shop premises, accommodation. Trade £3,303 p.a., increasing. Good profits. Present hands 15 years. Price including valuable freehold property, £6,000, s.a.v. Substantial mortgage arranged if required. Coxalls, Valuers, Treville Rd., Worthing.

## BERDOE & FISH

Chemist Transfer Agents and Valuers

41 ARGYLE SQUARE, KING'S CROSS, W.C.1  
(opposite St. Pancras and King's Cross Stations)

- Business Transfers, without publicity, our speciality
- Businesses urgently required, advice free
- All Valuations and Stocktakings, carried out under personal supervision of principals

Established 1870

Phone: TERminus 3574

**HIGH-CLASS** lock-up retail pharmacy, residential shopping area near Newcastle, showing av. weekly turnover £50 week; gross profits £20; spacious shop, large dispensary, storeroom, outhouses, etc. Excellent prospects for owner manager. Good opportunity for qualified optician. Very well fitted, fluorescent lighting, etc. Offered for reasonable price of £1,200, plus s.a.v., about £500. Rent £60 p.a. Not to be missed. For details ask Henry Stead & Partners, Ltd., 29 Cookridge St., Leeds. Phone 20208/9.

**MAIN ROAD, LIVERPOOL SUBURB.** Old-established pharmacy building up after some neglect. Steady counter trade with scope for large improvement. N.H.S. showing progressive increase, last month 1,000 scripts. First-class fixtures, including auto scales, fittings, goodwill, £1,250, stock at valuation, as required. Premises with sub-tenant for sale. Excellent scope for optics. Box 6/114.

## BUSINESSES WANTED

36 words 8/6 (minimum) then 3d. per word. Box 2/-

**ADVERTISER** desires to purchase chemist business in London area. Write in strictest confidence to Box B/116.

## APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

## BOURNEMOUTH ROYAL VICTORIA & WEST HANTS HOSPITAL

Applications are invited for the posts of TWO ASSISTANT PHARMACISTS. Salary in accordance with J.N.C. Scale.

Applications, stating full details of qualifications, age and experience, and accompanied by copies of three testimonials, should be addressed immediately to the undersigned:—

GORDON M. SAUL, Administrator.

Applications are also invited for post of LOCUM PHARMACIST at the above hospital for the summer weeks or months. Applications, stating full details of qualifications, age and experience, should be addressed immediately to the Administrator named above.

## LEWISHAM HOSPITAL, LONDON, S.E.13.

LOCUM ASSISTANT PHARMACIST required for one or both of the following periods: May 30 to June 11, June 20 to July 2, Salary, £9 9s. a week.

Applications should be sent to the Medical Superintendent, Lewisham Hospital, Lewisham High St., London, S.E.13.

## BURTON-ON-TRENT HOSPITAL MANAGEMENT COMMITTEE

LOCUM PHARMACIST required General Infirmary, Burton-on-Trent, from August 8, 1949, to September 17, 1949, 10 guineas per week. Applications to Mr. J. Smith, Secretary, General Infirmary, on-Trent.

## CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates invited for the following post:—

PHARMACIST required by Government of Uganda for medical department for of 2 to 3 years with prospect of permanent. Commencing salary according to grade service in the scale £370 rising to £840. Outfit allowance £30. Free passages. Dates must be Members of the Pharmacy Society of Great Britain. Apply at letter, stating age, whether married or single, and full particulars of qualifications, experience, and mentioning this paper. Crown Agents for the Colonies, 41 London, S.W.1, quoting M/N/2242; both letter and envelope.

## EDGWARE GENERAL HOSPITAL, EDGWARE, MIDDLESEX

LOCUM ASSISTANT PHARMACIST required at this hospital immediately for definite period for holiday relief. £9 9s. per week. Apply as soon as possible to the Medical Director or Chief Pharmacist.

## EDGWARE GENERAL HOSPITAL, EDGWARE, MIDDLESEX

ASSISTANT PHARMACIST. A permanent registered assistant pharmacist is at this hospital. J.N.C. (Hospital) salary, £370-£450 p.a. Commencing according to previous experience. This affords good experience in a busy general hospital.

Applications, stating age and experience including up to three recent testimonials, to the Medical Director. Post vacant immediately.

## LEYBOURNE GRANGE GENERAL HOSPITAL MANAGEMENT COMMITTEE, Leybourne Grange Colony, West Kent.

### APPOINTMENT OF DISPENSER

Applications are invited for the post of non-resident qualified DISPENSER for this Colony, at present accommodating patients with extension to 1,500 in the Colony.

Salary according to the Joint National Committee for Hospital Staffs, at present per annum, rising by annual increments of £320 per annum, and three fourths of £10 every 4 years to a maximum of £350 per annum. Commencing salary according to experience in the grade. The post will be subject to the National Service (Superannuation) Regulations. Successful candidate will be required to pass medical examination.

Applications, stating age, qualifications, experience, together with the names of persons willing to give references as to applicant's personal and professional qualifications for the post, should be sent to the Medical Superintendent at the Colony within 14 days of the appearance of this advertisement.

J. CATTERALL,  
Secretary to the Committee

**Appointments—Continued**

**WY & GRAVESEND HOSPITAL  
MANAGEMENT COMMITTEE**

**JOINT PHARMACIST** required for holiday at the hospitals controlled by the Management Committee for a period of not less than 3 months from the middle of May, £10 10s. per week. Apply to the Secretary, c/o St. Bartholomew's Hospital, Gravesend.

**HERTS GROUP HOSPITAL  
MANAGEMENT COMMITTEE**

**JOINT PHARMACIST** required for Herts Hospital, St. Albans. Salary in accordance with J.N.C. scales. Hospital experience not essential. Alternatively, an income would be considered at a salary of 10 guineas per week. Application, with particulars, to the Secretary, Mid. Herts Hospital Management Committee, Herts Hospital, Normandy Rd., St. Albans.

**JOINT HEALTH SERVICE ACT, 1946  
SHREWSBURY GROUP HOSPITAL  
MANAGEMENT COMMITTEE**

(GROUP No. 15)

Applications are invited for the post of **JOINT PHARMACIST**, vacant immediately at the Eye, Ear and Throat Hospital for Shrewsbury and Wales, Shrewsbury, and The Shrewsbury Infirmary, Shrewsbury. In accordance with the Joint Negotiating Committee Scale. Applications, stating age, qualifications (with testimonials), with copies of recent testimonials should be sent to the Undersigned.

**J. P. MALLETT.**

Secretary.

Shrewsbury Infirmary,  
Shrewsbury.  
1949.

**UNITED LEEDS HOSPITALS.  
GENERAL INFIRMARY AT LEEDS.**

Applications are invited for the appointment of **JOINT PHARMACIST**. Salary commensurate with £350 p.a., plus meals when on duty with additional payment for standing. The remuneration payable is subject to adjustment in the light of scales to be determined by the Minister of Health. Health Superannuation Scheme in operation. Night and week-end duty will be in rotation. Previous hospital experience essential. Applications, stating age, experience, together with the names of not more than three referees, must be sent to the Undersigned as soon as possible.

**S. CLAYTON FRYER,**

Secretary to the Board.

**WINCHESTER GROUP HOSPITAL  
MANAGEMENT COMMITTEE  
HAMPSHIRE COUNTY HOSPITAL,  
WINCHESTER.**

Applications are invited for the post of **JOINT PHARMACIST** vacant shortly. Salary in accordance with J.N.C. scale. Applications, giving details of qualifications, experience, together with copies of recent testimonials, to be sent to the Secretary and Secretary as soon as possible.

Winchester, 1949.

**SUNDERLAND AREA HOSPITAL  
MANAGEMENT COMMITTEE**

**ROYAL INFIRMARY, SUNDERLAND**  
**LOCUM ASSISTANT PHARMACIST** required from May 2 to 21. Salary £9 9s. per week. Hours of duty 9 a.m. to 5 p.m. 1 p.m. Saturday. Applications to be forwarded to F. Dagnall, Secretary, Sunderland Area Hospital Management Committee, Royal Infirmary, Sunderland.

**THE HOSPITAL FOR SICK CHILDREN,  
GREAT ORMOND STREET, LONDON,  
W.C.1.**

**ASSISTANT PHARMACIST**

Applications are invited for this position. Salary, £370 to £450 on J.N.C. Scale, according to experience. Apply, with details of age and experience, to A. Rae, Chief Pharmacist.

*Vacancies advertised are restricted to persons or employments excepted from the provisions of the Control of Engagements Order, 1947.*

**SITUATIONS OPEN**

36 words 8/6 (minimum) then 3d. per word. Box 2/-

**RETAIL (HOME)**

**A VACANCY OCCURS** for a pharmacist who wishes to do some evening and week-end work. Applications to Manager, Allen & Hanburys, Ltd., 7 Vere St., W.1.

**AN ATTRACTIVE SALARY** is offered to those unqualified gentlemen who are seeking a position which offers security of tenure, a pension scheme and promotion prospects. Vacancies are available in the following London districts: Ilford, Burnt Oak, Hounslow and North-west London. Kindly submit applications and, if possible, a recent photograph, to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Rd., Leyton, E.10.

**ASSISTANT** required for dispensing department; male or female (if latter comfortable accommodation is available). Good salary. Apply, Bailey & Alexander, 9 Strait Bargate, Boston, Lincs.

**BIRMINGHAM.** Assistant dispenser required, qualified preferred, but unqualified considered. No extra duties. Congenial position. Newey, 480 Station Rd., Dorridge, Birmingham.

**BIRMINGHAM.** Manager required for branch shop. Salary, commission and rota duty fees. Permanent position. C. L. Highfield, Ltd., Bearwood Rd., Smethwick, Staffs.

**BIRSTALL** Industrial Co-operative Society, Ltd. Superintendent Chemist. Applications are invited from qualified men for the vacancy of Superintendent Chemist. N.U.C.O. wages and conditions. Trade, £5,910, with scope for expansion. House available shortly. Written applications, giving names of two references, to be addressed to the Secretary and General Manager, 1 Victoria St., Birstall, nr. Leeds.

**CHOICE** of suitable accommodation, if required, on appointment. Qualified persons, male and female, are required to manage attractive pharmacies in south-east and south-west districts of London. Positions are available offering salary from £550 to £650 per annum, plus generous commission. Engagements are permanent and progressive and include entry into superannuation scheme. Apply, giving full particulars, to the Staff Manager, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis St., Woolwich, S.E.18.

**CHELSEA.** Good-class manager required for branch in Chelsea. Redecorated flat available. Good salary and commission. Apply Box A/78.

### Situations Open—Continued

**BOGNOR.** Unqualified dispenser required, good-class business. Permanent, congenial position. Accommodation can be arranged for three in family. Interview essential. Please apply: Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Rd., London, S.W.1.

**CITY PHARMACY** requires young unqualified assistant for counter work and general duties. Good salesman and window dresser. Apply in writing, stating age, particulars of experience and salary required. B. Hooper & Co., Ltd., 6 Railway Pl., Fenchurch St., E.C.4.

**COVENTRY.** Young qualified assistant required, May, for good-sized pharmacy; duties chiefly dispensing and counter. Prospects of a house later, but none immediately. Adequate salary and every consideration for right man. Box 6/115.

**DEKENTHIRE.** Unqualified assistant mainly for dispensary duties. Able to control junior staff. Knowledge of photography an advantage. Good salary by arrangement. Apply, with full particulars of previous experience, Peate, Church St., Ripley, Derbys.

**DRUG STORES** in Kingston-on-Thames require first assistant able to take charge in absence of proprietor. Apply by letter, in first instance, stating age, experience, and salary expected, to W. T. J. Deverell, 11 Wilcot Avenue, Watford, Herts.

**EASTBOURNE.** Qualified assistant required for high-class dispensing business. No accommodation. Reply with full particulars to H. R. Browne (Chemists), Ltd., 44 Cornfield Rd., Eastbourne.

**EXPERIENCED PHARMACISTS** required to manage branches in the following districts: Streatham, Kingston, New Malden. Good salary and commission. Pension scheme. Apply Box A/44.

**EXPERIENCED MANAGERS**, capable of developing dispensing department, required for branches in Shepherds Bush, Brondesbury and Harrow Rd. Good salary and commission. Pension scheme. Semi-detached house available. Apply Box A/45.

**EXPERIENCED MANAGER** required for good-class branch in Weybridge. Flat available to suitable applicant. Salary and commission. Pension scheme. Apply Box A/54.

**EXPERIENCED PHARMACIST**, capable of developing dispensing department, required for branch in Holloway Rd., N.19. Good salary and commission. Excellent flat available. Apply Box A/47.

**FINCHLEY NORTH.** Unqualified assistant required with dispensing experience for high-class business with large staff. Reasonable hours. Box 6/91.

**HEPPELLS** require qualified manager for the West End, lady or gentleman. Also part-time qualified lady. Permanent, congenial positions, superannuation scheme. Please reply, giving full details and salary required, to: Superintendent, Heppells (1932), Ltd., 70 Vauxhall Bridge Rd., London, S.W.1.

**ISLE OF MAN.** Lady or gentleman assistant, experienced, or junior wanted, for counter and general shop duties. State experience, salary required. Permanent preferred. Frank Purcell, 97 Strand St., Douglas, Isle of Man.

**KENSINGTON.** Assistant required, qualified or unqualified, for high-class dispensing business. Apply Gamble & Co., 347 High St., Kensington, W.8 (Western 2730).

**MANAGER**, capable of handling up to 2,500 prescriptions per month, required for branch in Barking. Salary and commission up to £700 per annum offered to suitable manager. Pension scheme. Excellent flat available. Apply Box A/46.

**MANAGER** required for suburban business in Stoke-on-Trent district. Good living accommodation, adequate staff, permanency, and good salary. Hours: 9 a.m. until 6 p.m. (rota until 7 p.m. every fourth week). S. J. Mott, 48 Piccadilly, Hanley, Stoke-on-Trent.

## PHARMACIST with knowledge of PHOTOGRAPHY

A vacancy will shortly occur for a pharmacist in a large modern pharmacy with congenial working conditions. The salary of above average and the position is a permanent one with very good prospects. An unfurnished house will be available if required. Applicant must be a qualified pharmacist, able to take charge of a busy department. Pension and life assurance operation. Please forward in confidence full particulars of experience to L. H. Lester, Lesters Chemists, 342/3/7.

**MUSWELL HILL.** Good flat available exists for pharmacist as branch manager in London. Salary and commission; superannuation scheme. Apply Box A/79.

**NEWCASTLE-ON-TYNE.** Qualified branch manager required for pleasant middle-class business. Pleasant and bright dispensary, kept. Accommodation available if required. Give full details in first letter. Graham's Ltd., 20 Bridge Cres., Newcastle-on-Tyne.

**NORTH LONDON.** Experienced dispenser, Apothecary's Hall or unqualified. Fortnight holiday this year. Four other Kempt, Chemist and Optician, Muswell Hill. Pharmacist, either sex, as assistant pharmacist. Good wages and conditions of annuities scheme. Applications, stating experience, present position, etc., to General Manager, Sowerby Bridge Industrial Society, West St., Sowerby Bridge.

**QUALIFIED CHEMIST** (gentleman) in good-class dispensing pharmacy in pleasant country town; staff of five, including House available over shop. Married. Suitable applicant. State age and experience. 8 Burnham Avenue, Beaconsfield.

**REQUIRED** for the London area, long-term period, male or female pharmacist. Excellent salary, commission and expectation in first instance to Superintendent London Co-operative Chemists, Ltd., 6 Leyton, E.10. Telephone No. Leyton 30.

**SOUTH-WEST LANCAS TOWN.** Qualified pharmacist to manage good-class business. Superannuation scheme. Accommodation available. Write Box 6/10.

**THE DIRECTORS** of the Manchester Equitable Co-operative Society, Ltd., require persons holding pharmaceutical qualifications for the position of departmental manager. The successful candidate will be required to take charge of the side of the business under the control of the departmental manager. Superannuation transfer scheme in operation. If the directors will endeavour to provide suitable accommodation. Applications, giving full details, should be addressed to the Secretaries, Downing St., Manchester, 1.

**UNQUALIFIED LADY**, 18-35, required for counter and sales work. Knowledge of dispensing not essential. Excellent prospect of salary and bonus. Apply H. Protheroe, 101, N.7.

**WANTED.** Lady or gentleman as manager, no Sunday duty. Early closing. Accommodation single person or married. Particulars, C. J. Viner, Chemist, High Street, Stroud, Glos.

**Situations Open—Continued****LOCUMS WANTED**

**HAM.** Qualified required for two weeks  
30, C. L. Highfield, Ltd., Bearwood  
thwick.

Qualified male or female required as  
m Sept. 5-17. No Sunday or half-holiday  
ney H. Blunt, Ltd., Cash Chemists, 106  
Green, Birmingham, 9. Tel. Vic. 1354.  
I.P.S., either sex, required for three weeks  
10. Elderly pharmacist acceptable if  
p.a. for full duties. F. P. Chemists, Ltd.,  
Sisters Rd., Holloway, N.7.

**RETAIL (OVERSEAS)**

**TRICA.** Company with head office in  
nd branches throughout East Africa have  
for qualified male pharmacists (prefer-  
e) for tours of four years. Commencing  
60 basic, plus current £120 cost-of-living  
Increments of £30 p.a. for 1st tour  
p.a. for 2nd tour. Two weeks' annual  
and three clear months' home leave at  
our. Passage paid both ways. Agreement  
at end of tour. Apply Box A/80.

**WHOLESALE**

**WEEK RETAINER,** plus commission, to  
travellers selling sensational "Instant  
rl capsules. Superseding home perm. Heat-  
tised. Wonderful opportunity. Glama of  
17 Dover St., London, W.1.

**ALE** and experienced sales manager re-  
or an expanding ethical pharmaceutical  
London. Applicants must have initiative  
ble to handle and control a staff of medi-  
cines. Applications, in confidence, to  
339, 4-7 Salisbury Court, Fleet St.,

**TANT** for manufacturing chemists, N.W.  
required to assist managing director. Some  
experience an advantage. State full par-  
ticulars, experience and salary required. Box

**HANBURY'S, LTD.,** require the services  
rmacist, male or female, in their West  
ratory. Canteen facilities. Apply, Man-  
n & Hanburys, Ltd., 7 Vere St., W.1.

**IT CHEMIST** required by old-established  
tural house, London (N.W. area). 5-day  
manufacturing experience essential, together  
rest in analytical work. Apply in writing,  
sential details, age, salary, etc., to Box

**RODUCTS, LTD.,** have a vacancy in their  
lsey, Surrey, analytical laboratory for an  
analyst (male or female). Applicants  
ave had previous laboratory experience.  
According to qualifications and experience.  
Apply to Works Manager, Bayer  
Ltd., 15 Central Avenue, West Molesey,

**PURE DRUG CO., LTD.,** have vacancies in  
ontrol division for qualified assistant analysts,  
2, with practical experience in the control  
inal and pharmaceutical preparations. Ap-  
must be capable of taking responsibility.  
Applications will carry suitable salaries and offer  
pects of advancement. Applications to  
Manager, Station St., Nottingham.

**ASSISTANT** to works manager and head  
required by leading proprietary medicine  
in North of England. Good opportunity  
ist who has had works experience and  
energetic, willing, and has organising  
eplly in first instance, giving full particu-  
lar experience, and present employer, in  
e, stating salary required, to Box A/68.

**CHIEF ACCOUNTANT** required for manufacturing  
chemists in N.W.1 district. Must be able to pre-  
pare final accounts. Excellent prospects for keen  
and reliable man able to undertake increasing re-  
sponsibility. Please send full particulars of experi-  
ence, age, and salary required, to Box A/8.

**CIBA LABORATORIES, LTD.,** Horsham, require a  
female supervisor, age 30-35, with experience of  
large-scale filling, labelling and packaging of phar-  
maceutical specialities by modern mechanical  
methods. Applicant should be a good disciplinarian  
with experience of handling female labour. The  
position is permanent and a contributory pensions  
scheme is in operation. Apply, with full particu-  
lars of education and experience, giving an indi-  
cation of salary required, to Works Manager, Ciba  
Laboratories, Ltd., Horsham, Sussex.

**DISPATCH CLERK,** one used to checking and pack-  
ing, required by City wholesale house. Write,  
giving details of experience and age, to Box A/82.

**EXPERIENCED REPRESENTATIVE** required for sale  
of veterinary requirements to veterinary profession  
only in area Kent, Hampshire and Surrey, with  
adjoining counties. Knowledge of veterinary pro-  
ducts essential. Apply Box 6/119.

**EXPERIENCED REPRESENTATIVES** required by well-  
known chemists' proprietaries company for the fol-  
lowing territories: North-east, East Midlands,  
Southern Counties, Lancashire. Men over 40 years  
of age preferred. Applications in first instance to  
Box W. 604, Haddons, Salisbury Square, London,  
E.C.4.

**FIRST-CLASS REPRESENTATIVES** required in many  
parts of the country on good commission basis to  
handle wide range of household remedies, toilet  
and cosmetic lines and edible products to wholesale  
and retail chemists and stores, co-ops., etc. Only those  
with first-class connection should apply, giving full  
particulars of experience and actual territory  
covered. Box 6/111.

**HEAD CHEMIST** and works manager required for  
leading proprietary medicine company in North of  
England. Excellent opportunity for chemist who  
has experience in proprietary medicine manufac-  
ture and packaging and also proprietary toilets.  
Knowledge of up-to-date packaging machinery an  
advantage. Able to control staff and have organis-  
ing ability. Write, giving full particulars of past  
experience, including present employer, in confi-  
dence, also salary required, to Box A/69.

**LABORATORY MANAGER** required with higher  
pharmaceutical qualifications. Knowledge of sur-  
gical dressings and surgical plaster manufacture,  
for position in North of England. Capable adminis-  
trator with successful experience of staff control,  
and co-ordinating laboratory departments. State  
fully experience and education to Box 6/106.

**MANAGING CLERK** wanted, preferably with know-  
ledge of cattle foods and cattle medicines trade.  
State salary required, and experience. Box 6/121.

**OLD-ESTABLISHED LONDON DRUG HOUSE** has  
vacancies for two young and energetic representa-  
tives: (a) East Coast (Mid-Essex to The Wash).  
Car provided. (b) West End of London and limited  
portion of N.W. London. Salary, commission and  
expenses. Must have personal connection with  
chemists. Write full particulars, in confidence, to  
Box A/67.

**OLD-ESTABLISHED WHOLESALE CHEMISTS** re-  
quire representative or agent to cover Yorkshire  
territory. Applicants must have knowledge of trade  
and sound connections with retail pharmacy, par-  
ticularly in West and South Ridings. Representa-  
tion covers full range drugs, packed goods, ethi-  
cals, patents, toilets and chemists' sundries depts.  
Agents specialising in chemists' sundries over wider  
area also considered. Remuneration as representa-  
tive, salary, commission and expenses. Agency on  
commission basis. Write, giving full details of age  
and experience, to Box A/81.

### Situations Open—Continued

**ORGANON LABORATORIES, LTD.,** have vacancies for representatives who must be resident in, or near, Nottingham or Leicester, Cambridge or Norwich, S.E. London or Mid-Kent, Cardiff or Swansea. Applicants must be qualified pharmacists, not over 35. Able drive car. Keen and intelligent. Able maintain technical and commercial contacts. Technical training given. Good salary, expenses, and prospects. Apply in writing, with photo, giving usual personal and business details, to General Sales Manager, Organon Laboratories, Ltd., Brettenham House, Lancaster Place, London, W.C.2.

**PACKAGING ASSISTANT.** Glaxo Laboratories, Ltd., require an experienced assistant for their packaging department. Applicants should be fully conversant with modern retail packaging methods, packing materials and package construction, and should possess ability to plan a package from idea to packing operation. Familiarity with pharmaceutical industry an advantage. The position is a progressive one with a pension scheme. Write, stating age, experience, and salary required, to Personnel Manager, Glaxo Laboratories, Ltd., Greenford, Middlesex.

**PACKING DEPARTMENT CHARGEHAND.** Old-established manufacturing house, N.W. London, require the services of an experienced person (male or female) to take charge of packing department. Organising ability and drive essential. Write, giving age, details of experience and salary required. Box A/72.

**PHARMACISTS** required for the manufacturing department of a well-known pharmaceutical house. Previous manufacturing experience desirable. Reply, giving full details of age, experience, salary required, to Works Manager, Box No. 3918, T. G. Scott & Son, Ltd., Talbot House, 9 Arundel St., Strand, W.C.2.

**PILL AND TABLET COATER.** Experienced in all grades of work is required by manufacturing chemists, London area, working 5-day week. Excellent opportunity for suitable applicant. Write, giving age, experience and salary required, to Box A/74.

**REPRESENTATIVE** with experience in the high-class perfumery trade required for London area by leading French house about to manufacture in association with old-established manufacturers of men's toilet preparations. Interested applicants with established connection should write, giving full particulars of age and experience. No original testimonials should be included. Box AC 39847, Samson Clarks, 57-61 Mortimer St., London, W.1.

**REPRESENTATIVE** wanted with established connection for good-class proprietaries among chemists, hairdressers, stores, etc., to carry Eclipse razor blades in Lancashire and Cheshire on a commission basis. Write in first instance to J. K. Clayton, Windmill St., Manchester, 2.

**REPRESENTATIVE** (keen, young) required for advertised proprietary medicines, chemists' trade experience not essential, but must be proved salesman and able to drive car. Salary and expenses basis. Must reside Birmingham area. Write, stating age, married or single, salary required, and full details of business experience, to Box 362, c/o Dorland, 18-20 Regent St., S.W.1.

**REPRESENTATIVES** required by established manufacturers of surgical dressings and cotton wool sanitary towels for the following territories: London, South of Thames, South-west Counties, Midlands, Lancs, Cheshire. Must have sound connection with retail and wholesale chemists, Co-ops. Comm. basis. Box 6/110.

**REPRESENTATIVES** required for (1) Midland Area, (2) South Coast, to carry Eclipse razor blades as an additional line on commission basis. Must have established connection with chemists, hairdressers, stores, etc. Apply, with full particulars, to Eclipse Razor Blades, Ltd., Harrow St., Sheffield, 11.

**REPRESENTATIVES** who can earn up to £1,000 in four northern counties (plus Peninsula) invited to apply for vacancy on permanent staff of well-known house selling established proprietaries nationally advertised, now showing annual sales of £10/£20,000 of significant development by energetic thoughtful man. Applicants must be of integrity, having not less than ten years experience handling volume-selling products through chemists and stores (inc. Co-ops.). First-class record essential. Age 35-45. Own car. Only men of outstanding calibre asked. Fully detailed applications to Box A/66.

**REPRESENTATIVES** required on generous commission basis to sell a new product with great appeal to chemists. Vacancies for Yorkshire, L. Midlands, Wales, South Coast and Scotland. 6/118.

**SHIFT CHEMISTS.** The British Drug House vacancies on their scientific staff for qualified chemists in their chemical production department as shift chemists. Holders of the Higher Certificate with manufacturing experience considered. Please apply in writing, stating qualifications and experience, to the Stationery, Graham St., City Rd., N.1.

**SMALL WHOLESALE DRUGGISTS** will shun young pharmacist for manufacturing supervision. Good opportunity for food industry, particularly if interested in new formulae, etc. Wide scope. Write Pottery, Ltd., Aldwych House, London.

**TABLET MAKER.** An old-established manufacturing house (N.W. area) have an opening for a competent man thoroughly experienced in all tablet production. Write, stating age, salary required, together with outline of career, A/73.

**THORNTON & ROSS, LTD.,** Linthwaite, field, manufacturers of high-class pharmaceuticals and specialities, require a live and energetic representative for Northern Ireland. Applicant will be considered from men of the high ability who feel that they are capable of attaining the high reputation which has already been achieved. Remuneration will be payable on commission, together with out-of-pocket expenses incurred.

**UNQUALIFIED ASSISTANTS** required for the ampoule department of a well-known pharmaceutical house in North-West London. Reply, giving full details of age, experience, and salary required, to Box 3915, T. G. Scott & Son, Ltd., Talbot House, 9 Arundel St., Strand, W.C.2.

**VACANCY** for London representatives to sell dries, ethicals and toiletries, and to open service existing, proprietary accounts. A must be less than 40 years of age, resident in London, and must have experience of wholesaling to chemists. Experience of sundries either in wholesale or retail. Salary, commission and expenses basis. Write fully, in confidence, to Managing Director, Messrs. Barclay & Son, Barclay House, 95 Farringdon St., London E.C.4. Tel. Central 4060.

**WIGGLESWORTH, LTD.,** require a keen experienced representative for their Surrey and S.W. London area. Established position. Salary, sales bonus and expenses provided. State experience, age, etc., and mention confidential. Sales Manager, Wiggleworth Ltd., Westhoughton, Lancs.

**WRITER REQUIRED** for the preparation of and direct mail advertisement texts covering medical and veterinary products. Applicants invited from pharmacists, preferably under 35, should write, giving full particulars of experience, and salary required, to D.M. A/38.

**Situations Open—Continued**

**WIMBORNE HOSPITAL**, Hammersmith, W.6. On production side of pharmaceutical work. Male assistant with some experience in drugs and chemicals. Salary not exceeding £6 weekly to commence. Apply to Chief Pharmacist.

**PHARMACIST** required for technical industrial service. Duties will include abstracting and pharmaceutical literature and reporting. Candidates should be registered with good educational background; qualified applicants quite acceptable though in large hospital dispensary would be an advantage. The appointment is permanent and good prospects of advancement. Initial according to qualifications and experience. Quoting reference No. 2775, to the Personnel Officer, May & Baker, Ltd., Dagenham.

**ACTING HOUSE** in South Wales area opening for a **QUALIFIED TABLET MAKER**; competent and thoroughly experienced in tablet production, capable of taking charge of department and controlling staff. 5-day week. Write, stating age, salary required, together with line of career, in strict confidence to Box A/31

**SITUATIONS WANTED**

**36 words 17/6 (minimum) then 1d. per word. Box 1/-**

**ED DISPENSER** requires post; 30 years' retail, Met. and Bakerloo convenient. Greenwich, S.E.17.

**WHOLESALE**

**ON, MANAGING DIRECTORS.** Sales requires progressive position, 15 years' experience in the pharmaceutical trade (proprietary, cosmetics, etc.). First-class sales organisation with leading buyers. Box 6/103.

**LIAN PHARMACIST**, age 22, now resident in London, seeks junior executive position of wholesale and manufacturing house in London area. Excellent references and introduction available. Write Box 6/103.

**SON** desires sales position in Northern area. 2½ years' experience with wholesale drug-grocers. Box 6/122.

**ASS REPRESENTATIVE** offers excellent connections with leading buyers. Box 6/103.

**REPRESENTATIVE**, 20 years' sales experience at retail and wholesale, seeks change of position with well-known toilet firm desires change of position with all leading stores, chemists, Southern and South-Eastern areas. Box 6/103.

**IND FACTORY EXECUTIVE**, age 40, 23 years' extensive all-round experience in factory management, retail, wholesale and manufacturing, used to competently handling large industrial outside staff and to sales and factory management generally, including designing, production and marketing of new lines, seeks good position with reliable firm. Box 6/107.

**IRE REPRESENTATIVE**, well-known high-class salesman, 20 years' experience, extensive substantial turnover, toilets, proprietaries, etc., desires change, supervisory position with good prospects valued. Box 6/84.

**MAN**, well educated, is open to consideration in N. Wales, Midlands, Cheshire and N. Roberts, 11 Perth, Ellesmere, Shrops.

**REPRESENTATIVE**, experienced chemists' sundries, packed pharmaceuticals, proprietaries and drugs, with established connection Sussex-Surrey area, seeks position with house of repute. Own car. Available short notice. Box 6/108.

**AGENCIES**

**36 words 17/6 (minimum) then 4d. per word. Box 2/-**

**A LEADING FRENCH PERFUMERY HOUSE** about to manufacture in association with old-established manufacturer of men's toilet preparations seeks to build up sales organisation throughout the British Isles. Interested applicants having established connections with chemists and other suitable outlets, and not carrying competing lines, should write, giving full particulars of experience, area covered and products carried, to Box AC 39851, Samson Clark, 57-61 Mortimer St., London, W.1.

**AGENTS** on 10 per cent commission or nett cash Co-ops, stores business, 5 per cent, wholesalers. All parts. Proprietary specialities (three) carried in pocket. Box 6/113.

**AGENCIES WANTED**

**36 words 8/6 (minimum) then 3d. per word. Box 2/-**

**ADVERTISER** offers keen and expert representation to manufacturers of reputable chemists' lines on established connection Sussex, Surrey, Berks. Hants. Details, in strictest confidence, to Box 6/109.

**BUSINESS OPPORTUNITIES**

**36 words 17/6 (minimum) then 4d. per word. Box 2/-**

**MASTER ADVERTISING** and Sales Consultant will introduce ideas, markets and negotiators, and guarantee increased sales. State advertising expenditure per annum. Fee, 5 per cent, of last year's expenditure. R. K. Baker, Churchill Chambers, 21 Cairo St., Warrington. Phone 1995.

**THE PANDA ROLL FILM CO.** invite inquiries (retail and wholesale) from chemists requiring quotas of a new non ex-R.A.F. film. Supplied on sale or return. Free advertising supplied. Liberal trade terms. Limited quotas available. Panda Roll Film Co., Ltd., 12 Laings Corner, Mitcham, Surrey.

**FOR SALE**

**36 words 8/6 (minimum) then 3d. per word. Box 2/-**

**MAG. CARB. LEVIS**, B.P. Approximately ½ ton in 56-lb. bags. Surplus to requirements. Price 85s. per cwt. Apply: Sturton & Sons, Ltd., Bridge St., Peterborough.

**ONE "ALBRO"** single head, foot-operated, bench type, vacuum powder-filling machine, complete with 400 v. 3-phase motor, vacuum pump, receiver and fittings. Very little used. Full details from Box A/77.

**WANTED**

**36 words 8/6 (minimum) then 3d. per word. Box 2/-**

**MANUFACTURER** desires supplies of glycerine to augment allocation. Offers to Box A/2.

**SURPLUS CHEMICAL STOCKS** required. Offers to Box A/1.

**MISCELLANEOUS SALES**

**36 words 17/6 (minimum) then 4d. per word. Box 2/-**

**GRATITUDE!** A Country Chemist writes:—"I prefer to obtain my saccharin tablets from my best suppliers during the war." That is the sort of thing that makes business a pleasure, and so to show our appreciation we phoned him our reduced prices: Saccharin tablets. Reduced prices: 1 gross, 100, 64/-; 5 gross, 100, 63/-; 10 gross, 100, 62/-; 25 gross, 100, 61/-. Cash with order. The Standard Tablet Co., Ltd., Hove, Sussex.

## STOCKTAKING for INCOME-TAX or SALE VALUATIONS

CONSULT ME NOW FOR

**B**etter Service.

**A**ccurate Valuations.

**R**esults 7 days after stocktaking.

**N**o disturbance to normal routine of  
business.

**E**very care, confidence and attention to  
detail.

**S**tock sheets priced in detail if required

Scale Terms on application, based on the  
NET COST OF STOCK exclusive of  
purchase-tax figure for which **NO**  
**CHARGE** is made.

**M. H. BARNES**

Chemists' Valuer and Licensed Appraiser,

4, CHARLWOOD ST., VICTORIA, S.W.1

Phone: VIC. 5686.

### Miscellaneous Sales—Continued

**2 SECONDHAND** semi-automatic Southall and Smith powder-filling machines, complete with cups and worms, 2 electric motors, 25 h.p., 415 volts, 3-phase, 2 wooden benches, 7 ft. by 3 ft. 6 in., zinc covered; thoroughly overhauled and in good condition. Can be viewed by appointment. Evan Williams Co., Ltd., Aintree Rd., Perivale, nr. Greenford, Middlesex. Phone Perivale 4204.

**BOTTLES.** s/n, 1-oz. and 4-oz., for friction lotion, brillantine, or cologne. Cheap. Apply Attarkhana, 31 Norton Folgate, E.1.

**CONTAINERS FOR SALE.** 40,000 brand new plain blue 16-oz. round tins, cone type, 100,000 brand new printed 16-oz. tins, cone type. Samples on request. C. T. Bowring & Co. (Fish Oils), Ltd., Pyewipe Mills, Grimsby.

**FOR SALE.** 2 vertical Cross tube boilers, all complete Duoflam gas-fired burners: 1 x 150-lb. evaporation; 1 x 22½-lb. evaporation. Straight out of use. Box A 296, Erwoods, Ltd., 211 Piccadilly, London, W.1.

**MANUFACTURERS** offer for sale a few hundred thousand 1-oz. and 2-oz. glass jars (amber and flint) with metal or plastic caps. Enquiries to Box A/36.

**REFLEX ROLL FILMS**, exposures to fit 116, 120, 620 and 127 sizes. Showcards and window bills available. The best value and quality film on the market. Any quantity sent post free. Cash with order. 127, 21s.; 620 and 120, 24s.; 116, 29s., per dozen. Order your supply now. Williams, 83 London Rd., Glasgow.

**STANDARD SACCHARIN TABLETS.** Excellent quality. Packet of 100. Boxed in 1 gross boxes. Any quantity 58/- gross post free. Minimum 1 gross. Cash with order. Immediate despatch. Gordon A. Briggs, wholesale distributors, 189 Anglesey Road, Burton-on-Trent.

**STANDARD SACCHARIN TABLETS** for packets of 100 tablets, boxed in 1 gross 1 gross at 58/- p. gross, from 15 to 30 gross at 58/- p. gross, from 30 to 60 gross at 56/6 p. gross and over at 56/- p. gross. Post all orders from and above 5 gross. Pro or C.W.O. only. Sample sent on request.

**SURPLUS STOCKS FOR SALE.** 200 carboxymethyl cellulose; 100 lb. celacol ester gum; 200 lb. promulsin wax; 100 lb. sodium stearate; 150 lb. sodium lactate plaster of paris; 600 lb. B.P. petroleum lb. polyvinyl alcohol; 800 lb. poly P.I.B. B.80; 500 lb. polyisobutylene, P Box A/75.

**TAX FREE**, at bargain prices. Brand "Secto" DDT liquid, 2½ size, 14/- do. tex "sun glasses, "Crooke's" lens, 24/- Gen. "Brontan", 2/6 size, 12/6 doz. ladies' hair brushes, retail 29/6. "Bela", 5-mm., 8½ in. D/combs, 16/- need to wait for Budget at these prices extra. Yaffe's, 6 Park Hill, Bury Old wick, Lancs.

**VIALS**, s/n, 1-dram, 100 gross, 5/- bakelite caps, 14 m/m, 500 gross, 2/- labels and many clearing lines. List f khana, 31 Norton Folgate, London, E.1.

**6 DRUMS** White petroleum jelly B.P. sweet almond oil B.P. 10 cwt. zinc 100 lbs. Spanish rosemary oil. 100 lb refined camphor powder. Reasonable sidered. Reply Box 6/98.

### TENDERS

2/6 per line (12 lines = 1"). Box

**EIRE.** Wholesale chemists and distribut lished over 25 years in Eire and hold large British agencies and having dire with 90% of retail chemists in Eire, in to purchase this business as a going concern and property can be purchased business separately and a lease of premises considered. Full particulars regarding profit, etc., will be given in strict confidence. Principals only. Apply Box 5/950.

### TRADE MARKS

36 words 17/6 (minimum) then 4d. per word

**THE TRADE MARK KILCROBES**, registered No. 365171 in respect of chemical substances prepared for use in medicine and pharmacy assigned on March 26, 1949, by Fryer and (Nelson), Limited, of Victory Chlorodyne Factory, Chapel Street, Nelson, Lanc. Chemical Works, Limited, of Kirkby, without the goodwill of the business in which it was then in use.

**THE TRADE MARK ONAL**, registered 477801 in respect of chemical substances for use in medicine and pharmacy, was on the 16th February, 1949, by Adol of 12 Dunelm, Sunderland, to Ellen 86-87 High St. East, Sunderland, without will of the business in which it was then in use.

### THE INSTITUTE OF OPTIC SCIENCE

(formerly the Institute of Chemists-Optical)  
2, Clements Inn, Strand, W.C.

Syllabus of Examinations can be obtained  
Hon. Secretary, J. Ross-Mansell, Ph.D.

# PROLONGED HIGH PENICILLIN LEVELS



'Avloprocil' provides a most reliable and convenient means of administering penicillin. A single injection produces a therapeutic blood level of penicillin for periods of 24 hours, so that one daily dose is adequate for effective treatment.

'Avloprocil' contains the procaine salt of Crystalline penicillin in sterile oily suspension (300,000 units per c.c.).

Supplied in 10 c.c. vials. Single vials and boxes of 5.

## 'Avloprocil'

TRADE MARK

IMPERIAL CHEMICAL [PHARMACEUTICALS] LIMITED

(A subsidiary company of Imperial Chemical Industries Ltd.)

MANCHESTER



Ph.329

The  
**CHEMIST AND DRUGGIST**  
APRIL 23, 1949

*The ethical medical preparation  
for the treatment of Asthma*



**P.A.T.A.**

*Prescribed and recommended  
by the Medical Profession  
Hospitals, Private Pract  
and Government Departme  
throughout the world—*

**BRITISH FELSOL COMPANY LTD**

WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.

Telephone, CLERKENWELL 5862 Cables, 'Felsol', Smith, London.

